

VPDES PERMIT PROGRAM FACT SHEET

FILE NO: 580

This document gives pertinent information concerning the VPDES Permit listed below. This permit is being processed as a **MINOR MUNICIPAL** permit.

1. **PERMIT NO.:** VA0067423 **EXPIRATION DATE:** October 25, 2009
2. **FACILITY NAME AND LOCAL MAILING ADDRESS** **FACILITY LOCATION ADDRESS (IF DIFFERENT)**

Tangier WWTP
P. O. Box 244
Tangier, VA 23440

7448 Wastewater Treatment Plant Rd.
Tangier, VA 23440

CONTACT AT FACILITY:

NAME: Mr. Bryan Horton
TITLE: Plant Operator
PHONE: (757) 787-4274/757-615-4336

CONTACT AT LOCATION ADDRESS

NAME: Mr. Chris Pruitt
TITLE: Plant Manager Trainee
PHONE: (75)-891-2303

3. **OWNER CONTACT:** (TO RECEIVE PERMIT) **CONSULTANT CONTACT:**
- NAME:** Ms. Renee Tyler **NAME:**
TITLE: Town Manager **FIRM NAME:**
COMPANY NAME: Town of Tangier **ADDRESS:**
ADDRESS: P. O. Box 244
Tangier, VA 23440 **PHONE:** ()
PHONE: (757) 891-2438

4. **PERMIT DRAFTED BY:** DEQ, Water Permits, Regional Office

Permit Writer(s): R. E. Smithson Date(s): 07/08/09
Reviewed By: M. H. Sauer Date(s): 07/22/09

5. **PERMIT ACTION:**

() Issuance (X) Reissuance () Revoke & Reissue () Owner Modification
() Board Modification () Change of Ownership/Name [Effective Date:]

6. **SUMMARY OF SPECIFIC ATTACHMENTS LABELED AS:**

Attachment <u>1</u>	Site Inspection Report/Memorandum
Attachment <u>2</u>	Discharge Location/Topographic Map
Attachment <u>3</u>	Schematic/Plans & Specs/Site Map/Water Balance
Attachment <u>4</u>	TABLE I - Discharge/Outfall Description
Attachment <u>5</u>	TABLE II - Effluent Monitoring/Limitations
Attachment <u>6</u>	Effluent Limitations/Monitoring Rationale/Suitable Data/Antidegradation/Antibacksliding
Attachment <u>7</u>	Special Conditions Rationale
Attachment <u>8</u>	Receiving Waters Info./Tier Determination/303(d) Listing Info
Attachment <u>9</u>	TABLE III(a) and TABLE III(b) - Change Sheets
Attachment <u>10</u>	EPA Permit Checklist
Attachment <u>11</u>	Chronology Sheet
Attachment <u>12</u>	Public Participation
Attachment <u>12</u>	Other Documents

APPLICATION COMPLETE: 07/06/09 (DSS Letter)

7. **PERMIT CHARACTERIZATION:** (Check as many as appropriate)

- | | |
|--|--|
| <input checked="" type="checkbox"/> Existing Discharge | <input checked="" type="checkbox"/> Effluent Limited |
| <input type="checkbox"/> Proposed Discharge | <input checked="" type="checkbox"/> Water Quality Limited |
| <input checked="" type="checkbox"/> Municipal | <input type="checkbox"/> WET Limit |
| SIC Code(s) 4952 | <input type="checkbox"/> Interim Limits in Permit |
| <input type="checkbox"/> Industrial | <input type="checkbox"/> Interim Limits in Other Document |
| SIC Code(s) | <input type="checkbox"/> Compliance Schedule Required |
| <input checked="" type="checkbox"/> POTW | <input type="checkbox"/> Site Specific WQ Criteria |
| <input type="checkbox"/> PVOTW | <input type="checkbox"/> Variance to WQ Standards |
| <input type="checkbox"/> Private | <input type="checkbox"/> Water Effects Ratio |
| <input type="checkbox"/> Federal | <input checked="" type="checkbox"/> Discharge to 303(d) Listed Segment |
| <input type="checkbox"/> State | <input type="checkbox"/> Toxics Management Program Required |
| <input type="checkbox"/> Publicly-Owned Industrial | <input type="checkbox"/> Toxics Reduction Evaluation |
| | <input type="checkbox"/> Storm Water Management Plan |
| | <input type="checkbox"/> Pretreatment Program Required |
| | <input type="checkbox"/> Possible Interstate Effect |

8. **RECEIVING WATERS CLASSIFICATION:** River basin information.

Outfall No(s): 001

Receiving Stream: Chesapeake Bay
 River Mile: 61.0
 Basin: Chesapeake Bay/Atlantic Ocean and Small Coastal
 Subbasin: N/A
 Section: 2
 Class: II
 Special Standard(s): a, NEW 20
 Tidal: YES

9. **FACILITY DESCRIPTION:** Describe the type facility from which the discharges originate.

Existing municipal discharge resulting from the discharge of treated domestic sewage.

10. **LICENSED OPERATOR REQUIREMENTS:** ☐ No ☒ Yes Class: III

11. **RELIABILITY CLASS:** I

12. **SITE INSPECTION DATE:** May 15, 2009 **REPORT DATE:** May 22, 2009

Performed By: S. J. Thomas

SEE ATTACHMENT 1

13. **DISCHARGE(S) LOCATION DESCRIPTION:** Provide USGS Topo which indicates the discharge location, significant (large) discharger(s) to the receiving stream, water intakes, and other items of interest.

Name of Topo: Tangier Island, VA Quadrant No.: 143C **SEE ATTACHMENT 2**

14. **ATTACH A SCHEMATIC OF THE WASTEWATER TREATMENT SYSTEM(S) [IND. & MUN.]. FOR INDUSTRIAL FACILITIES, PROVIDE A GENERAL DESCRIPTION OF THE PRODUCTION CYCLE(S) AND ACTIVITIES. FOR MUNICIPAL FACILITIES, PROVIDE A GENERAL DESCRIPTION OF THE TREATMENT PROVIDED.**

SEE ATTACHMENT 3

15. **DISCHARGE DESCRIPTION:** Describe each discharge originating from this facility.

SEE ATTACHMENT 4

16. **COMBINED TOTAL FLOW:**

TOTAL: 0.10 MGD (for public notice)

DESIGN FLOW: 0.10 MGD (MUN.)

17. **STATUTORY OR REGULATORY BASIS FOR EFFLUENT LIMITATIONS AND SPECIAL CONDITIONS:**
(Check all which are appropriate)

☒ State Water Control Law
☒ Clean Water Act
☒ VPDES Permit Regulation (9 VAC 25-31-10 et seq.)
☒ EPA NPDES Regulation (Federal Register)
☒ EPA Effluent Guidelines (40 CFR 133 or 400 - 471)
☒ Water Quality Standards (9 VAC 25-260-5 et seq.)
☐ Wasteload Allocation from a TMDL or River Basin Plan

18. **EFFLUENT LIMITATIONS/MONITORING:** Provide all limitations and monitoring requirements being placed on each outfall.

SEE TABLE II - ATTACHMENT 5

19. **EFFLUENT LIMITATIONS/MONITORING RATIONALE:** Attach any analyses of an outfall by individual toxic parameter. As a minimum, it will include: statistics summary (number of data values, quantification level, expected value, variance, covariance, 97th percentile, and statistical method); wasteload allocation (acute, chronic and human health); effluent limitations determination; input data listing. Include all calculations used for each outfall and set of effluent limits and those used in any model(s). Include all calculations/documentation of any antidegradation or anti-backsliding issues in the development of any limitations; complete the review statements below. Provide a rationale for limiting internal waste streams and indicator pollutants. Attach chlorine mass balance calculations, if performed. Attach any additional information used to develop the limitations, including any applicable water quality standards calculations (acute, chronic and human health).

OTHER CONSIDERATIONS IN LIMITATIONS DEVELOPMENT:

VARIANCES/ALTERNATE LIMITATIONS: Provide justification or refutation rationale for requested variances or alternatives to required permit conditions/limitations. This includes, but is not limited to: waivers from testing requirements; variances from technology guidelines or water quality standards; WER/translator study consideration; variances from standard permit limits/conditions.

N/A

SUITABLE DATA: In what, if any, effluent data were considered in the establishment of effluent limitations and provide all appropriate information/calculations.

All suitable effluent data were reviewed.

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ANTIDEGRADATION REVIEW: Provide all appropriate information/calculations for the antidegradation review.

The receiving stream has been classified as tier 1; therefore, no further review is needed. Permit limits have been established by determining wasteload allocations that will result in attaining and/or maintaining all water quality criteria that apply to the receiving stream, including narrative criteria. These wasteload allocations will provide for the protection and maintenance of all existing uses.

ANTIBACKSLIDING REVIEW: Indicate if antibacksliding applies to this permit and, if so, provide all appropriate information.

There are no backsliding issues to address in this permit (i.e., limits as stringent or more stringent when compared to the previous permit).

SEE ATTACHMENT 6

20. **SPECIAL CONDITIONS RATIONALE:** Provide a rationale for each of the permit's special conditions.

SEE ATTACHMENT 7

21. **TOXICS MONITORING/TOXICS REDUCTION AND WET LIMIT SPECIAL CONDITIONS RATIONALE:** Provide the justification for any toxics monitoring program and/or toxics reduction program and WET limit; the actual conditions for the permit are to be included under Attachment 6.

N/A

22. **SLUDGE DISPOSAL PLAN:** Provide a description of the sludge disposal plan (e.g., type sludge, treatment provided and disposal method). Indicate if any of the plan elements are included within the permit.

Sludge is dewatered by sludge press and incinerated. Ash is hauled to the landfill. This plan has been included in the VPDES application for approval. Standard special conditions are included in Part I of the permit.

23. **MATERIAL STORED:** List the type and quantity of wastes, fluids, or pollutants being stored at this facility. Briefly describe the storage facilities and list, if any, measures taken to prevent the stored material from reaching State waters.

NONE.

24. **RECEIVING WATERS INFORMATION:** Refer to the State Water Control Board's Water Quality Standards [e.g., River Basin Section Tables (9 VAC 25-260-5 et seq.)]. **Use 9 VAC 25-260-140 C (introduction and numbered paragraph) to address tidal waters where fresh water standards would be applied or transitional waters where the most stringent of fresh or salt water standards would be applied.** Attach any memoranda or other information which helped to develop permit conditions (i.e. tier determinations, PReP complaints, special water quality studies, STORET data and other biological and/or chemical data, etc.

SEE ATTACHMENT 8

25. **303(d) Listed Segments:** Indicate if the facility discharges to a segment that is listed on the current 303(d) list and, if so, provide all appropriate information/calculations.

This facility discharges directly to the Chesapeake Bay. This receiving stream segment has been listed on Part 1A of the 303(d) list for non-attainment of nutrients. A TMDL has not been prepared or approved for this stream segment. The permit contains a TMDL reopener clause which will allow the it to be modified, in compliance with section 303(d)(4) of the Act once a TMDL is approved.

SEE ATTACHMENT 8

26. **CHANGES TO PERMIT:** Use **TABLE III(a)** to record any changes from the previous permit and the rationale for those changes. Use **TABLE III(b)** to record any changes made to the permit during the permit processing period and the rationale for those changes [i.e., use for comments from the applicant, VDH, EPA, other agencies and/or the public where comments resulted in changes to the permit limitations or any other changes associated with the special conditions or reporting requirements].

SEE ATTACHMENT 9

27. **NPDES INDUSTRIAL PERMIT RATING WORKSHEET:**

N/A - This is a municipal facility.

28. **DEQ PLANNING COMMENTS RECEIVED ON DRAFT PERMIT:** Document any comments received from DEQ planning.

The discharge is not addressed in any planning document but will be included when the plan is updated.

29. **PUBLIC PARTICIPATION:** Document comments/responses received during the public participation process. If comments/responses provided, especially if they result in changes to the permit, place in the attachment.

VDH/DSS COMMENTS RECEIVED ON DRAFT PERMIT: Document any comments received from the Virginia Dept. of Health and noted how resolved.

The VDH waived the right to comment and/or object to the adequacy of the draft permit.

EPA COMMENTS RECEIVED ON DRAFT PERMIT: Document any comments received from the U.S. Environmental Protection Agency and noted how resolved.

EPA waived the right to comment and/or object to the adequacy of the draft permit.

ADJACENT STATE COMMENTS RECEIVED ON DRAFT PERMIT: Document any comments received from an adjacent state and noted how resolved.

Not Applicable.

OTHER AGENCY COMMENTS RECEIVED ON DRAFT PERMIT: Document any comments received from any other agencies (e.g., VIMS, VMRC, DGIF, etc.) and noted how resolved.

Not Applicable.

OTHER COMMENTS RECEIVED FROM RIPARIAN OWNERS/CITIZENS ON DRAFT PERMIT: Document any comments received from other sources and note how resolved.

The application and draft permit have received public notice in accordance with the VPDES Permit Regulation, and no comments were received.

Persons may comment in writing or by e-mail to the DEQ on the proposed reissuance of the permit within 30 days from the date of the first notice. Address all comments to the contact person listed below. Written or e-mail comments shall include the name, address, and telephone number of the writer, and shall contain a complete, concise statement of the factual basis for comments. Only those comments received within this period will be considered. The Director of the DEQ may decide to hold a public hearing if public response is significant. Requests for public hearings shall state the reason why a hearing is requested, the nature of the issues proposed to be raised in the public hearing and a brief explanation of how the requestor's interests would be directly and adversely affected by the proposed permit action.

All pertinent information is on file and may be inspected, and arrangements made for copying by contacting Robert E. Smithson at: Department of Environmental Quality (DEQ), Tidewater Regional Office, 5636 Southern Boulevard, Virginia Beach, VA 23462. Telephone: 757-518-2106 E-mail: robert.smithsonjr@deq.virginia.gov

Following the comment period, the Board will make a determination regarding the proposed reissuance. This determination will become effective, unless the Director grants a public hearing. Due notice of any public hearing will be given.

30. ADDITIONAL FACT SHEET COMMENTS/PERTINENT INFORMATION:

Nutrient monitoring and nutrient concentration limitations: annual load limitations are covered in Tangier's nutrient general permit. Since the town does not propose an upgrade to optimize nutrient removal, developing concentrations limitations at this time are not applicable to this reissuance. A nutrient reopener has been included as a special condition.

The facility utilizes dual ultraviolet (UV) banks for disinfection and chlorine feed as a backup in case of power failure. Therefore, chlorine limitations and language are in the permit in case of applicability.

Pursuant to the revised disinfection policy (9 VAC 25-260-170.B.) which states that Enterococci (saltwater) criteria is to be utilized in addition to fecal coliform criteria when shellfish waters exist. To meet this regulation, Enterococci limitations are included in this permit. Fecal coliform monitoring for alternative disinfection (2 days/week for shellfish waters) was reduced in frequency with a 1997 permit modification/CO negotiation to 1/Week to reduce the contract laboratory costs incurred by the town. A good compliance history for this parameter in the past permit cycle justifies making no changes to this agreement.

Ammonia-N ($\text{NH}_3\text{-N}$) is not needed based upon an estimate of available dilution from the Chesapeake Bay, however nutrient monitoring every two weeks will be required via the nutrient general permit for dischargers to the Chesapeake Bay watershed. This general permit (VAN050004) was issued to comply with the Chesapeake Bay Tributary Strategy to meet future nutrient goals for the Bay. A nutrient reopener will be included in this permit. A TMDL Reopener has also been included, should one be developed during the life of the permit and there be a need to incorporate new limitations as a result.

A D.O. limit of 4.0 mg/l *minimum* (WQS for Class II waters) is in the permit to protect water quality in the Bay.

Effluent monitoring reduction was considered per standard guidance. A compliance history since year 2005 was reviewed for qualification. Refer to fact sheet pages 72-84 for compliance review - facility does not qualify for monitoring reduction at this time.

ATTACHMENT 1

SITE INSPECTION REPORT

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Virginia Department of Environmental Quality

WASTEWATER FACILITY INSPECTION REPORT

FACILITY NAME: Tangier Island Wastewater Plant		INSPECTION DATE: 5/15/2009 INSPECTOR Stephen J. Thomas			
PERMIT No.: VA0067423		REPORT DATE: 5/21/2009			
TYPE OF FACILITY: <input checked="" type="checkbox"/> Municipal <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Industrial <input type="checkbox"/> Federal		TIME OF INSPECTION:	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Arrival 10:00 AM</td> <td style="width: 50%;">Departure 1:45 PM</td> </tr> </table>	Arrival 10:00 AM	Departure 1:45 PM
Arrival 10:00 AM	Departure 1:45 PM				
PHOTOGRAPHS: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		TOTAL TIME SPENT (including prep & travel) 12 Hours UNANNOUNCED INSPECTION? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
REVIEWED BY / Date: <i>Kenneth T. Baum</i> 6/25/09					
PRESENT DURING INSPECTION: Chris Pruitt, Garman Parks – Tangier Island Sean Priest, Will Williams - DEQ					

TECHNICAL INSPECTION

1. Has there been any new construction? If so, were plans and specifications approved? <u>Comments:</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2. Is the Operations and Maintenance Manual approved and up-to-date? <u>Comments:</u> <i>Did not Review due to time constraints</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
3. Are the Permit and/or Operation and Maintenance Manual specified licensed operator being met? <u>Comments:</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
4. Are the Permit and/or Operation and Maintenance Manual specified operator staffing requirements being met? <u>Comments:</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5. Is there an established and adequate program for training personnel? <u>Comments:</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
6. Are preventive maintenance task schedules being met? <u>Comments:</u> <i>Did not review all maintenance records, UV system records for last 3 months were reviewed.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
7. Does the plant experience any organic or hydraulic overloading? <u>Comments:</u> <i>Plant will experience hydraulic overloading during period of heavy rainfall or extreme high tide.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
8. Has there been any bypassing or overflows since the last inspection? <u>Comments:</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
9. Is the standby generator (including power transfer switch) operational and exercised regularly? <u>Comments:</u> <i>Backup power would be supplied by a town generator that provides power to the entire island.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
10. Is the plant alarm system operational and tested regularly? <u>Comments:</u> <i>N/A</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No

PROBLEMS IDENTIFIED AT THE LAST INSPECTION

1.	<p>The sludge collection system is currently being operated for a brief period once per day on both the primary & secondary sedimentation basin. The installation of the timers would improve operations of both the basins. The sludge drives are now turned on & off manually.</p> <p><u>The sludge drives are now being operated twice a day on the units.</u></p>
2.	<p>The sludge press must be repaired. This is an essential component of the operation of the plant.</p> <p><u>The sludge press is now mechanically operational, but is still not being run. This problem has not been resolved.</u></p>
3.	<p>The fans and louvers in the treatment building need replacement. They are not operable at this time. The repair or replacement of the fans will provide much needed ventilation to the building.</p> <p><u>This problem has not been resolved.</u></p>
4.	<p>The UV panel is not functioning properly. It needs to be looked at by a qualified technician.</p> <p><u>This problem has not been resolved.</u></p>
5.	<p>The telescoping valve in the digester needs to be repaired.</p> <p><u>This problem has not been resolved.</u></p>
6.	<p>The lighting in the plant should be improved. Some areas of the plant are dangerous and tough to work in because of the poor lighting. The cleaning of the light covers or cover replacement might provide additional lighting.</p> <p><u>This problem has not been resolved.</u></p>
7.	<p>Please provide additional information on the outcome of the smoke testing performed in April of this year and if all homeowners who had inflow problems have completed necessary repairs.</p> <p><u>This information has not been provided.</u></p>

REQUIRED CORRECTIVE ACTIONS:

1. The sludge press needs to be operational. All required supplies and chemicals must be provided to insure the proper operation of the Unit. During the inspection it was evident the incineration unit is not operational and needs to be replaced. The current sludge disposal plan calls for all waste sludge to be incinerated. What are the disposal plans for any waste sludge that will be generated by the facility? Records on the amount of sludge produced and disposal method must be kept by the town.
2. The flow meter needs to be calibrated on a yearly basis. Last calibration on 2/1/2008.
3. The UV disinfection unit needs to be serviced by a qualified technician to insure proper operation. Please provide documentation when this service has been performed.
4. The telescoping valve for the digester needs to be repaired.

ATTACHMENT 2

DISCHARGE LOCATION/TOPOGRAPHIC MAP

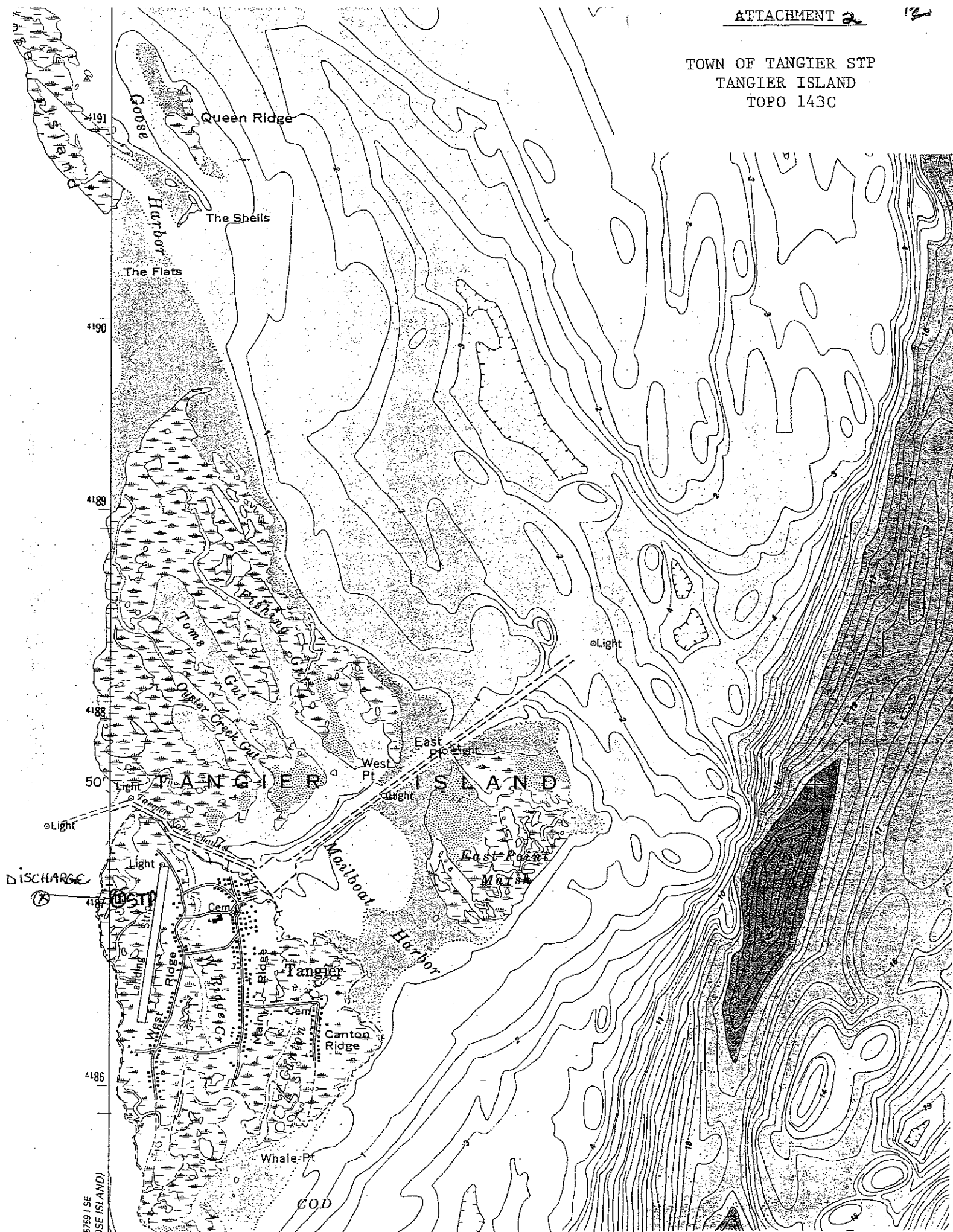
//

TABLE I
NUMBER AND DESCRIPTION OF OUTFALLS

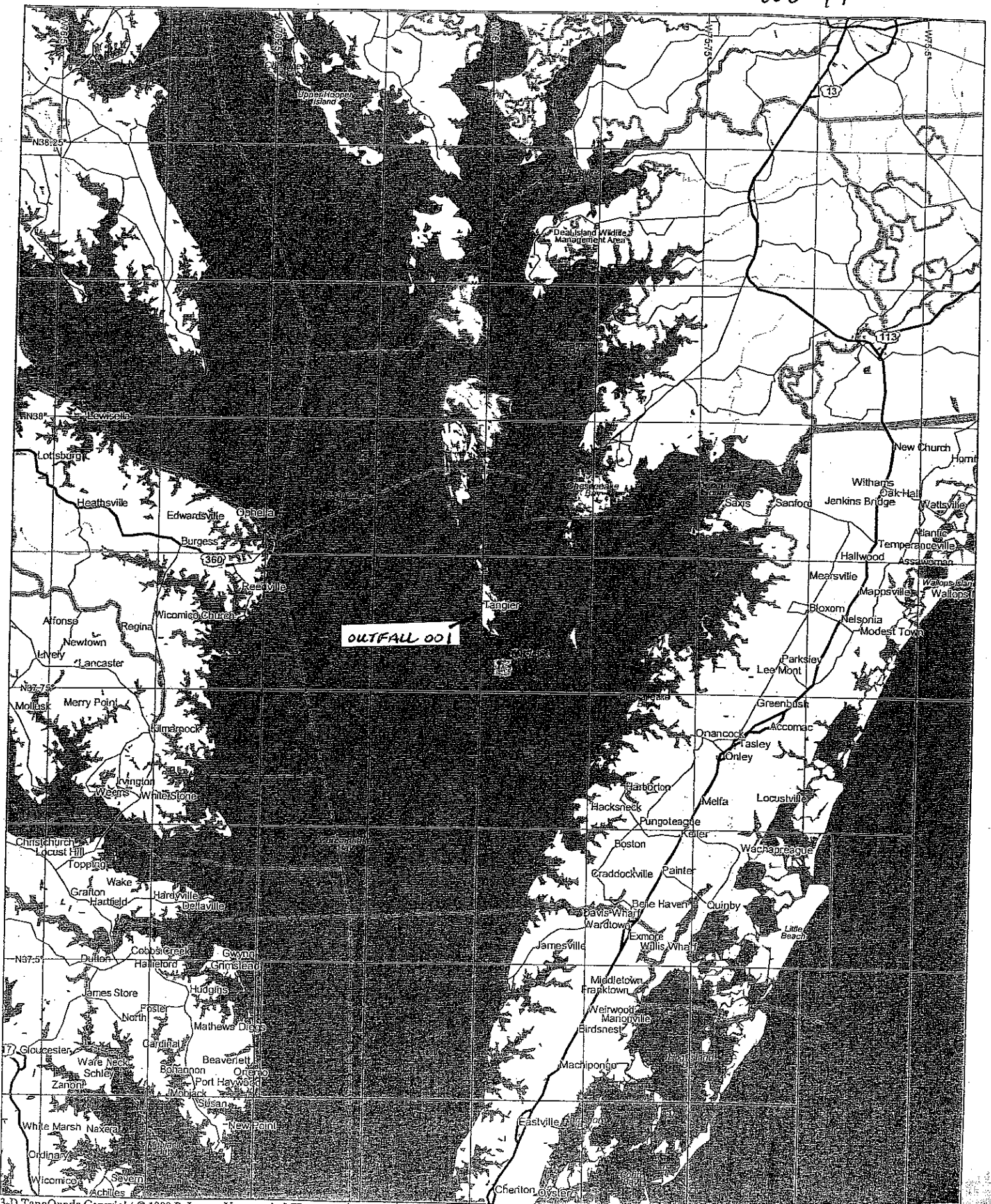
OUTFALL NO.	DISCHARGE LOCATION	DISCHARGE SOURCE (1)	TREATMENT (2)	FLOW (3)
001	37-49-40N 076-00-35W	Domestic waste from the Town of Tangier	Bar screening, primary settling, secondary biological treatment (RBC), secondary clarification, UV light disinfection, sludge conditioning and incineration.	0.10 MGD

- (1) List operations contributing to flow
- (2) Give brief description, unit by unit
- (3) Give maximum 30-day average flow for industry and design flow for municipal

TOWN OF TANGIER STP
TANGIER ISLAND
TOPO 143C



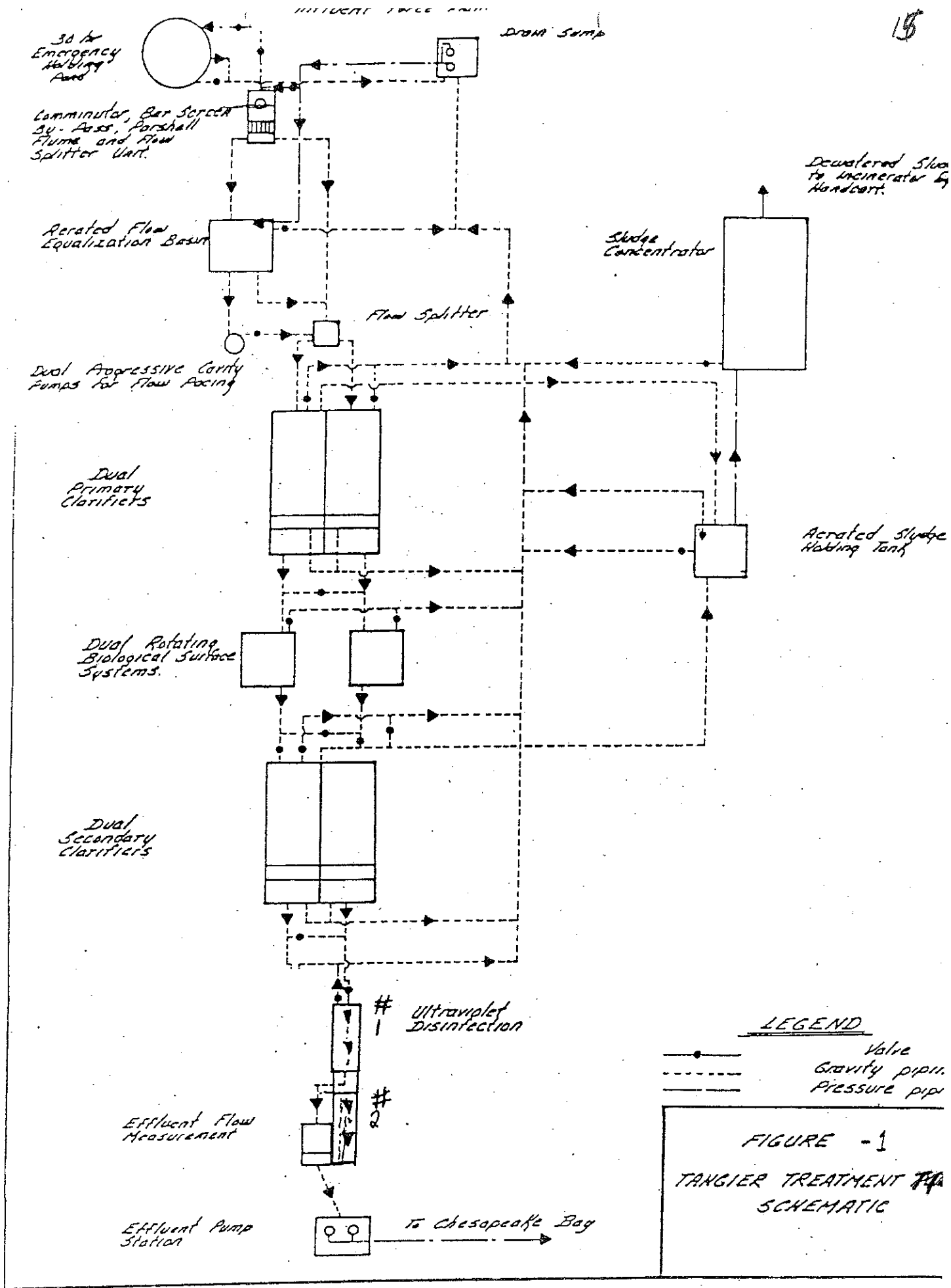
TOWN OF TANGIER
WWTP

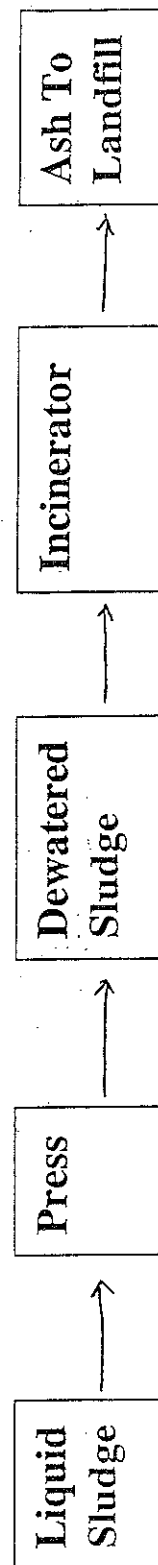


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ATTACHMENT 3

SCHEMATIC/PLANS & SPECS/SITE MAP/
WATER BALANCE





ATTACHMENT 5

TABLE II

EFFLUENT MONITORING LIMITATIONS

TABLE II - MUNICIPAL EFFLUENT LIMITATIONS/MONITORING

OUTFALL # 001 DESIGN FLOW: 0.10 MGD

Outfall Description: Municipal STP Outfall for the Town of Tangier
SIC CODE: 4952

(X) Final Limits Effective Dates - From: Permit Issuance To: Permit Expiration

PARAMETER & UNITS	BASIS FOR LIMITS	DESIGN FLOW MULTIPLIER	EFFLUENT LIMITATIONS			MONITORING REQUIREMENTS		
			MONTHLY AVERAGE	WEEKLY AVERAGE	MINIMUM	MAXIMUM	FREQUENCY	SAMPLE TYPE
Flow (MGD) [a]	3		NL	NA	NA	NL	Continuous	TI & RE*
pH (S.U.)	3		NA	NA	6.0	9.0	1/Day	Grab
BOD5 (mg/l) [d]	1		30	45	NA	NA	1/W	4HC
BOD5 (kg/d)	1	0.10	11	17	NA	NA	1/W	4HC
TSS (mg/l) [d]	1		30	45	NA	NA	1/W	4HC
TSS (kg/d)	1	0.10	11	17	NA	NA	1/W	4HC
TRC(mg/l) [b] [d]	2		0.013	0.016	NA	NA	1/D	Grab
Fecal Coliform (N/CML) [b] [c]	2		200	NA	NA	NA	1/W(Between 10 am & 4 pm)	Grab
Enterococci (N/CML) [b] [c]	2		35	NA	NA	NA	1/W(Between 10 am & 4 pm)	Grab
D.O. (mg/l)	2		NA	NA	4.0	NL	1/D	Grab
Total Kjeldahl Nitrogen (as N) (mg/l) (kg/d) [d] [e]	3		NL	NA	NA	NA	2/Month	4HC

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*TI & RE = Totalizing, Indicating & Recording Equipment

NA = NOT APPLICABLE; NL = NO LIMIT, MONITORING REQUIREMENT ONLY

Upon issuance of the permit, Discharge Monitoring Reports (DMRs) shall be submitted to the regional office at the frequency required by the permit regardless of whether an actual discharge occurs. In the event that there is no discharge for the monitoring period, then "no discharge" shall be reported on the DMR.

This facility has Total Nitrogen and Total Phosphorus calendar year load limits associated with this outfall included in the current Registration List under registration number VAN050004, enforceable under the General VPDES Watershed Permit Regulation for Total Nitrogen and Total Phosphorus Discharges and Nutrient Trading in the Chesapeake Watershed in Virginia.

- [a] See Part I.D.5. for exceeding 95% of the design capacity 3 months consecutively.
- [b] See Part I.B. for additional monitoring instructions.
- [c] Fecal coliform and enterococci monthly average is calculated as a geometric mean.
- [d] See Parts I.D.6. and I.D.7. for quantification levels and reporting requirements, respectively.
- [e] 2/Month = two samples taken during the calendar month, no less than two weeks apart.

The bases for the limitations codes are:

1. Technology (e.g., Federal Effluent Guidelines)
2. Water Quality Standards (9 VAC 25-260 et. seq.)
3. Best Professional Judgment

ATTACHMENT 6

EFFLUENT LIMITATIONS/MONITORING
RATIONALE/SUITABLE DATA/
ANTIDEGRADATION/ANTIBACKSLIDING

ATTACHMENT 6

VPDES PERMIT PROGRAM

Rationale for Effluent Limitations and Monitoring

Monitoring frequency for BOD5, TSS, fecal coliform and enterococci will be 1D/Week and monitoring for flow will be continuous. D.O. and, pH will be monitored daily. Effluent limitations are based upon federal effluent guidelines, best professional judgement and the water quality standards.

Disinfection is achieved by UV light with chlorine as backup in case of a power failure (TRC language added with this reissuance). Recent changes to the disinfection policy (9 VAC 25-260-170.B.) requires that Enterococci be used as the best indicator of adequate disinfection in saltwater. To meet this regulation, an Enterococci limit has been incorporated into this permit. A Fecal coliform limit will continue to be required for shellfish protection.

OUTFALL 001

Flow: No limit - BPJ; monitoring continuously with totalizing, indicating and recording equipment - standard requirement for a municipal permit with this design flow. This facility has a design flow of 0.1 MGD

pH: Minimum of 6.0 s.u., maximum of 9.0 s.u. - BPJ to protect water quality in the receiving stream; grab sample.

BOD5 & TSS: Monthly average limit of 30 mg/l (11 kg/d) and a weekly average limit of 45 mg/l (17 kg/d) were based upon federal effluent guidelines, 4 Hr. composite.

Fecal Coliform: WQS-200 n/cml: This limit has been assigned in accordance with 9 VAC 25-260-170 since this discharge is to shellfish waters; 1/week monitoring frequency was established with a 1997 permit modification/CO negotiation to reduce the contract laboratory costs incurred by the town (it typically would be monitored 2 days/week for standard "a"-shellfish). A good compliance history for this parameter in the past permit cycle justifies making no changes to the referenced CO agreement; grab sample

Enterococci : WQS-35 n/cml: This limit has been assigned to this permit in accordance with Guidance Memo No. 03-2007 ; grab sample

TRC - WQS-0.013 mg/l monthly average - 0.016 mg/l weekly average: This facility used UV for disinfection of effluent. Chlorine is very infrequently utilized at the facility as an emergency backup to the UV (power failure). The monitoring/limiting of chlorine is required during emergency use. Chlorine limitations were calculated as a toxic parameter in accordance with OWPS guidance and VPDES manual (See Attachment 6-2).

D.O. - WQS-limit 4.0 mg/l min. to protect Class II waters; monitoring 1/D - BPJ to protect water quality in the Bay; grab sample

Ammonia-N is not needed based upon an estimate of available dilution from the Chesapeake Bay. Given any kind of reasonable allowance for a mixing zone, it becomes obvious that this small domestic STP (no industrial contributions) would not be expected to cause violations of the WQS in the Bay.). See Attachment 6: Memorandum from Dale Phillips. TKN will be monitored.

TKN Nutrient monitoring twice each month is required to comply with the Chesapeake Bay Tributary Strategy to meet future nutrient goals for the Bay; BPJ mg/l-kd/day: Monitoring in accordance with Guidance 04-2017*. See pages 82-90

CALCULATIONS

Loading (kg/d) = concentration (mg/l) X flow (MGD) X 3.785

BOD loading (monthly average) = 30 (mg/l) X 0.10 (MGD) X 3.785 = 11.35 kg/d = 11 kg/d (significant figures guidance)

BOD loading (weekly average) = 45 (mg/l) X 0.10 (MGD) X 3.785 = 17.03 kg/d = 17 kg/d (significant figures guidance)

TSS loading (monthly average) = 30 (mg/l) X 0.10 (MGD) X 3.785 = 11.35 kg/d = 11 kg/d (significant figures guidance)

TSS loading (weekly average) = 45 (mg/l) X 0.10 (MGD) X 3.785 = 17.03 kg/d = 17 kg/d (significant figures guidance)

6-2

7/9/04 4:53:54 PM

Facility = Tangier WWTP
Chemical = chlorine (CPO) mg/l
Chronic averaging period = 4
WLAa = 0.026
WLAc = 0.375
Q.L. = 0.1
samples/mo. = 30
samples/wk. = 7

Summary of Statistics:

observations = 4
Expected Value = 2.9
Variance = 3.0276
C.V. = 0.6
97th percentile daily values = 7.05691
97th percentile 4 day average = 4.82499
97th percentile 30 day average = 3.49755
< Q.L. = 0
Model used = BPJ Assumptions, type 2 data

A limit is needed based on Acute Toxicity

Maximum Daily Limit = 0.026

Average Weekly limit = 1.58783873755527E-02

Average Monthly Limit = 1.28861502605596E-02

.016 mg/L
.013 mg/L

Below detection
level of .1 mg/L

The data are:

2.5
3.5
3
2.6

ANTIDEGREDATION CALCULATIONS/BASELINES (Saltwater)

Facility: Town of Tangier WWTP

Parameter	Saltwater Criteria (SW)		Other Surface Waters Criteria	Instream Background Data (Expected value*)	Antidegradation Baseline			Water Quality Waste Load Allocation (WQ-WLA)			Antidegradation Waste Load Allocation (AD-WLA)		
	Acute	Chronic			Acute	Chronic	Human Health	Acute	Chronic	Human Health	Acute	Chronic	Human Health
Ethylbenzene			29000				2900			1450000			145000
Monochloro-benzene			21000				2100			1050000			105000
Tetrachloro-ethylene			3500				350			175000			17500
Toluene			200000				20000			10000000			1000000
Trichloroethylene			810				81			40500			4050
Vinyl Chloride			5300				530			265000			26500
ACIDS EXTRACTABLES													
2-Chlorophenol			400				40			20000			2000
2, 4 Dichloro-phenol			790				79			39500			3950
2, 4 Dimethyl-phenol			2300				230			115000			11500
Pentachloro-phenol	13	7.9	82		3.25	1.975	8.2	26	395	4100	162.5	98.75	410
Phenol			4600000				460000			230000000			23000000
2, 4, 6-Trichloro-phenol			65				6.5			3250			325
MISCELLANEOUS													
Ammonia (as NH3-N)	6.43	0.97			1.6075	0.2425		12.86	48.5		0	0	
Chlorides													
Chlorine (CPO)	13	7.5			3.25	1.875		26	375		162.5	93.75	
Cyanide	1	1	215000		0.25	0.25	21500	2	50	10750000	12.5	12.5	1075000
Dioxin			1.2				0.12			60			6

All values in ug/l unless otherwise noted

Parameter	Saltwater Criteria	Other Surface	Instream Background	Antidegradation Baseline	Water Quality Waste Load Allocation	Antidegradation Waste Load Allocation
Ammonia (as NH3-N)	6.43					
Chlorides						
Chlorine (CPO)	13					
Cyanide	1	215000				
Dioxin		1.2				

ANTIDEGREDATION CALCULATIONS/BASELINES (Saltwater)

Facility: Town of Tangier WWTP

	(SW)		Waters Criteria	Data (Expected value*)	(WQ-WLA)					(AD-WLA)		
	Acute	Chronic			Acute	Chronic	Human Health	Acute	Chronic	Human Health	Chronic	Human Health
Fecal Coliform (N/Cml)												
Foaming Agents (as MBAS)												
Hydrogen Sulfide		2										
Nitrate						0.5			100		25	
Sulfate												
Total Dissolved Solids												
Tributyltin	0.36	0.001			0.09	0.00025		0.72	0.05	4.5	0.0125	

ANTIDEGREDATION CALCULATIONS/BASELINES (Saltwater)

Facility: Town of Tangier WWTP

All values in ug/l unless otherwise noted

Parameter	Saltwater Criteria (SW)		Other Surface Waters Criteria	Instream Background Data (Expected value*)	Antidegradation Baseline			Water Quality Waste Load Allocation (WQ-WLA)			Antidegradation Waste Load Allocation (AD-WLA)		
	Acute	Chronic			Acute	Chronic	Human Health	Acute	Chronic	Human Health	Acute	Chronic	Human Health
METALS													
Antimony			4300				430			215000			21500
Arsenic													
Arsenic III	69	36			17.25	9		138	1800		862.5	450	
Barium													
Cadmium	43	9.3			10.75	2.325		86	465		537.5	116.25	
Chromium III													
Chromium VI	1100	50			275	12.5		2200	2500		13750	625	
Copper	5.9	3.8			1.475	0.95		11.8	190		73.75	47.5	
Iron													
Lead	240	9.3			60	2.325		480	465		3000	116.25	
Manganese													
Mercury	2.1	0.025	0.053		0.525	0.00625	0.0053	4.2	1.25	2.65	26.25	0.3125	0.265
Nickel	75	8.3	4600		18.75	2.075	460	150	415	230000	937.5	103.75	23000
Selenium	300	71	11000		75	17.75	1100	600	3550	550000	3750	887.5	55000
Silver	2.3				0.575			4.6			28.75		
Zinc	95	86			23.75	21.5		190	4300		1187.5	1075	
PESTICIDES/PCBS													
Aldrin	1.3	0.13	0.0014		0.325	0.0325	0.00014	2.6	6.5	0.07	16.25	1.625	0.007
Chlorodane	0.09	0.004	0.0059		0.0225	0.001	0.00059	0.18	0.2	0.295	1.125	0.05	0.0295
Chorpyrifos (Dursban)	0.011	0.0056			0.00275	0.0014		0.022	0.28		0.1375	0.07	
DDD													
DDE			0.0084				0.00084			0.42			0.042
DDT	0.13	0.001	0.0059				0.00059			0.295			0.0295
					0.0325	0.00025	0.00059	0.26	0.05	0.295	1.625	0.0125	0.0295

ANTIDEGREDATION CALCULATIONS/BASELINES (Saltwater)

Facility: Town of Tangier WWTP

All values in ug/l unless otherwise noted

Parameter	Saltwater Criteria (SW)		Other Surface Waters Criteria	Instream Background Data (Expected value*)	Antidegradation Baseline			Water Quality Waste Load Allocation (WQ-WLA)			Antidegradation Waste Load Allocation (AD-WLA)		
	Acute	Chronic			Acute	Chronic	Human Health	Acute	Chronic	Human Health	Acute	Chronic	Human Health
Demeton		0.1				0.025			5			1.25	
2, 4-dichloro-phenoxy acetic acid (2, 4-D)	69	36			17.25	9		138	1800		862.5	450	
Dieldrin	0.71	0.0019	0.0014		0.1775	0.000475	0.00014	1.42	0.095	0.07	8.875	0.02375	0.007
Endosulfan	0.034	0.0087	240		0.0085	0.002175	24	0.068	0.435	12000	0.425	0.10875	1200
Endrin	0.037	0.0023	0.81		0.00925	0.000575	0.081	0.074	0.115	40.5	0.4625	0.02875	4.05
Guthion		0.01				0.0025			0.5			0.125	
Heptachlor	0.053	0.0036	0.0021		0.01325	0.0009	0.00021	0.106	0.18	0.105	0.6625	0.045	0.0105
Hexachloro-cyclohexane (Lindane)	0.16	0.01	25		0.04	0.0025	2.5	0.32	0.5	1250	2	0.125	125
Kepone		0											
Malathion		0.03				0.0075			1.5			0.375	
Mirex		0											
Parathion	95	86											
PCB-1242		0.03	0.00045		23.75	21.5		190	4300		1187.5	1075	
PCB-1254		0.03	0.00045			0.0075	0.000045		1.5	0.0225		0.375	0.00225
PCB-1221		0.03	0.00045			0.0075	0.000045		1.5	0.0225		0.375	0.00225
PCB-1232		0.03	0.00045			0.0075	0.000045		1.5	0.0225		0.375	0.00225
PCB-1248		0.03	0.00045			0.0075	0.000045		1.5	0.0225		0.375	0.00225
PCB-1016		0.03	0.00045			0.0075	0.000045		1.5	0.0225		0.375	0.00225
Toxaphene	0.21	0.002	0.0075			0.0075	0.000045		1.5	0.0225		0.375	0.00225
2-(2, 4, 5-trichloro-phenoxy) propionic acid (Silvex)					0.0525	0.0005	0.00075	0.42	0.1	0.375	2.625	0.025	0.0375

All values in ug/l unless otherwise noted

ANTIDEGREDATION CALCULATIONS/BASELINES (Saltwater)

Facility: Town of Tangier WWTP

Facility: Town of Tangier WWTP															
Parameter	Saltwater Criteria (SW)		Other Surface Waters Criteria	Instream Background Data (Expected value*)	Antidegradation Baseline			Water Quality Waste Load Allocation (WQ-WLA)			Antidegradation Waste Load Allocation (AD-WLA)				
					Acute	Chronic	Human Health	Acute	Chronic	Human Health	Acute	Chronic	Human Health		
	BASE NEUTRAL EXTRACTABLES														
Acenaphthene			2700					270				135000			13500
Anthracene			110000					11000				5500000			550000
Benzo (a) anthracene			0.49					0.049				24.5			2.45
Benzo (b) fluoranthene			0.49					0.049				24.5			2.45
Benzo (k) fluoranthene			0.49					0.049				24.5			2.45
Benzo (a) pyrene			0.49					0.049				24.5			2.45
Butyl benzyl phthalate			5200					0.049				260000			26000
Chrysene			0.49					520				24.5			2.45
Dibenz (a, h) anthracene			0.49					0.049				24.5			2.45
Dibutyl phthalate			12000					0.049				24.5			2.45
1, 2-Dichloro benzene			17000					1200				600000			60000
1, 3-Dichloro benzene			2600					1700				850000			85000
1, 4-Dichloro benzene			2600					260				130000			13000
Diethyl phthalate			120000					260				130000			13000
Di-2-Ethylhexyl phthalate			59					12000				6000000			600000
								5.9				2950			295

ANTIDEGREDATION CALCULATIONS/BASELINES (Saltwater)

Facility: Town of Tangier WWTP

All values in ug/l unless otherwise noted

Parameter	Saltwater Criteria (SW)		Other Surface Waters Criteria	Instream Background Data (Expected value*)	Antidegradation Baseline			Water Quality Waste Load Allocation (WQ-WLA)			Antidegradation Waste Load Allocation (AD-WLA)		
	Acute	Chronic			Acute	Chronic	Human Health	Acute	Chronic	Human Health	Acute	Chronic	Human Health
2, 4-Dinitro toluene			91				9.1			4550			455
Fluoranthene			370				37			18500			1850
Fluorene			14000				1400			700000			70000
Indeno (1, 2, 3-cd) pyrene			0.49				0.049			24.5			2.45
Isophorone			490000				49000			24500000			2450000
Nitrobenzene			1900				190			95000			9500
Pyrene			11000				1100			550000			55000
1, 2, 4 Trichloro-benzene			950				95			47500			4750
VOLATILES													
Benzene			710				71			35500			3550
Bromoform			3600				360			180000			18000
Carbon Tetrachloride			45				4.5			2250			225
Chlorodibromomethane			57000				5700			2850000			285000
Chloroform			4700				470			235000			23500
Dichloromethane			16000				1600			800000			80000
Dichlorobromomethane			460				46			23000			2300
1, 2-Dichloroethane			990				99			49500			4950
1, 1-Dichloroethylene			17000				1700			850000			85000

All values in ug/l unless otherwise noted

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF ENVIRONMENTAL QUALITY

Water Division

4900 Cox Road Glen Allen, Virginia 23060

D.O. E. Ammonia
pg. 21

MEMORANDUM

Subject: Tangier Island WLA

To: Bob Goode, TRO

From: M. Dale Phillips *cole*

Date: May 23, 1994

Copies: Fred Holt

The dilution available for the Tangier Island STP is extremely high. I have no models that will yield a very accurate result but conservative assumptions and approximations result in estimated dilutions on the order of 500:1 to 1000:1 at locations near the discharge point. Given any kind of reasonable allowance for a mixing zone, it becomes obvious that this small domestic STP cannot cause violation of the water quality standards in the Chesapeake Bay unless the concentrations of materials are hundreds of times higher than could reasonably be expected or that have been observed in similar STPs. Indeed, this STP by itself can have no calculatable effects on the water quality in the bay outside of a small mixing zone.

Unless there is an industrial or other contributor having high concentrations of toxic materials, I believe that monitoring this discharge for toxic materials would be a waste of time and effort. I would not expect to find anything in the effluent at concentrations that would be sufficiently high to require limits or even concern. You should however make the final decision based on your more detailed knowledge of the sources of waste to the system.

* Relative to antidegradation, things get a little confusing when the bay is being discussed. There are documented violations of the D.O. standard in the deep trenches of the central bay (D.O. approaches or reaches zero). In my opinion, these are natural occurrences and they could be expected regardless of the pollution reaching the bay. However, I believe that they are definitely increased in both extent and duration by the general pollution reaching the bay. There has been a lot of discussion relative to unacceptable water quality in the bay (SAVs, fisheries depletion, etc.) but I know of no other actual documented violation of a numerical water quality standard outside of mixing zones. Since either tier 1 or tier 2 could be justified, I will make no recommendation relative to antidegradation but will offer the following observations for your assistance:

- a. If the bay is classified as tier 1 then, according to the antidegradation standard and guidance, it can be allowed to reach the maximum concentrations specified in the numerical water quality standards for all materials. This may not be

a bad choice since the Chesapeake Bay Program exists to define and obtain the desirable water quality in the bay and its recommendations may override all other considerations.

- b. If the bay is classified as tier 2 then, baselines will have to be identified and antidegradation requirements will have to become part of the WLA procedure for major STPs directly affecting the bay. This may be somewhat difficult because the large database that exists does not include most toxic materials for which standards exist.

Recommendations:

I would recommend permit limits based on secondary treatment or its equivalent as required by regulation.

* Water quality based limits for toxic materials are not needed based on an estimate of available dilution.

I would recommend that the special monitoring condition be omitted from this permit unless you have reason to suspect unusually high concentrations of a toxic material.

I will make no recommendations regarding the appropriate antidegradation tier of the bay but would note that, however it is decided, it will not modify the recommendations above.

These recommendations are specifically for the small Tangier Island STP discharging directly to the central Chesapeake Bay. They cannot be generalized or extrapolated to apply to any other facility or location.

ATTACHMENT 7

SPECIAL CONDITIONS RATIONALE

VPDES PERMIT PROGRAM
LIST OF SPECIAL CONDITIONS RATIONALE
Attachment 7

B. Additional Total Residual Chlorine (TRC)/Enterococci Limitations and Monitoring Requirements

Rationale: Required by Water Quality Standards, 9VAC 25-260-170, Fecal coliform bacteria; other waters. Also, 40 CFR 122.41(e) requires the permittee, at all times, to properly operate and maintain all facilities and systems of treatment in order to comply with the permit. This ensures proper operation of chlorination equipment to maintain adequate disinfection.

Required by Water Quality Standards, 9 VAC 25-260-170.A.2.: new bacterial standards. These standards became effective as of January 15, 2003, as did the revised disinfection policy of 9 VAC 25-260-170.B. The disinfection policy of 9 VAC 25-260-170.B. requires that all effluents attain the applicable bacteria concentration stated in 9 VAC 25-260-170.A.2. prior to discharge.

C. OTHER REQUIREMENTS OR SPECIAL CONDITIONS

C.1. Permit Reopeners

a. Sludge Reopener

Rationale: Required by the VPDES Permit Regulation, 9 VAC 25-31-220 C., and 40 CFR 122.44 (c)(4), which note that all permits for domestic sewage treatment plants (including sludge-only facilities) include any applicable standard for sewage sludge use or disposal promulgated under section 405(d) of the Clean Water Act.

b. Nutrient Reopener

Rationale: 9 VAC 25-40-70.A. authorizes DEQ to include technology-based annual concentration limits in the permits of facilities that have installed nutrient control equipment, whether by new construction, expansion or upgrade. 9 VAC 25-31-390. A. authorizes DEQ to modify VPDES permits to promulgate amended water quality standards.

c. Water Quality Standards Reopener

Rationale: The VPDES Permit Regulation, 9 VAC 25-31-220 D requires effluent limitations to be established which will contribute to the attainment or maintenance of water quality criteria.

d. Total Maximum Daily Load (TMDL) Reopener

Rationale: For specified waters, section 303(d) of the Clean Water Act requires the development of total maximum daily loads necessary to achieve the applicable water quality standards. The TMDL must take into account seasonal variations and a margin of safety. In addition, section 62.1-44.19:7 of the State Water Control Law requires the development and implementation of plans to address impaired waters, including TMDLs. This condition allows for the permit to be either modified or, alternatively, revoked and reissued to incorporate the requirements of a TMDL once it is developed. In addition, the reopener recognizes that, in according to section 402(o)(1) of the Clean Water Act, limits and/or conditions may be

VPDES PERMIT PROGRAM
LIST OF SPECIAL CONDITIONS RATIONALE
Attachment 7 continued

either more or less stringent than those contained in this permit. Specifically, they can be relaxed if they are the result of a TMDL, basin plan or other wasteload allocation prepared under section 303 of the Act.

D.2. Licensed Operator Requirement

Rationale: The Permit Regulation, 9 VAC 25-31-200 D and Code of Virginia 54.1-2300 et. seq., Rules and Regulations for Waterworks and Wastewater Works Operators (18 VAC 160-20-10 et seq.) requires licensure of operators.

D.3. Reliability Class

Rationale: Required by Sewage Collection and Treatment Regulations, 12 VAC 5-581-20 and 120 for all municipal facilities.

D.4. CTC, CTO and O & M Manual Requirements

Rationale: Required by the State Water Control Law, Section 62.1-44.19; the Sewage Collection and Treatment Regulations (12 VAC 5-581 et seq); Section 401 of the Clean Water Act; 40 CFR 122.41(e); and the VPDES Permit Regulation (9 VAC-25-31-190E).

D.5. 95% Design Capacity Notification

Rationale: Required by the VPDES Permit Regulation, 9 VAC 25-31-200 B.2. for all POTW and PVOTW permits. Best professional judgement is used to apply this condition to other (private) municipal treatment facilities.

D.6. Quantification Levels Under Part I.A.

Rationale: States are authorized to establish monitoring methods and procedures to compile and analyze data on water quality, as per 40 CFR part 130, Water Quality Planning and Management, subpart 130.4. Section b. of the special condition defines QL and is included per BPJ to clarify the difference between QL and MDL.

D.7. Compliance Reporting Under Part I.A.

Rationale: Defines reporting requirements for toxic parameters with quantification levels and other limited parameters to ensure consistent, accurate reporting on submitted reports.

D.8 Indirect Dischargers

Rationale: Required by VPDES Permit Regulation, 9 VAC 25-31-200 B.1. for POTWs and PVOTWs that receive waste from someone other than the owner of the treatment works.

Town of Tangier WWTP
VA0067423

VPDES PERMIT PROGRAM
LIST OF SPECIAL CONDITIONS RATIONALE
Attachment 7 continued

D.9. Sludge Management Plan

Rationale: The VPDES Permit Regulation, 9 VAC 25-31-420, and 40 CFR 503.1 specify the purpose and applicability for sludge management plans. The VPDES Permit Regulation, 9 VAC 25-31-100 J.4., also sets forth certain detailed information which must be included in a sludge management plan. The VPDES sewage sludge permit application form and its attachments constitute the sludge management plan and will be considered for approval with the VPDES permit. In addition, the Biosolids Use Regulation, 12 VAC 5-585-330 and 340, specifies the general purpose and control requirements for an O&M manual in order to facilitate proper O&M of the facilities to meet the requirements of the regulation.

VPDES PERMIT PROGRAM
LIST OF SPECIAL CONDITIONS RATIONALE
continued...

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Name of Condition:

Note: The following condition, typically included in POTW permits with flows greater than 40,000 GPD, is not deemed necessary since there are no industrial users on the island.

Significant Discharger Survey

Rationale: The VPDES Permit Regulation, 9 VAC 25-31-800 F.2.a., and 40 CFR 403.8 (f)(2)(i) require POTWs to identify and locate all possible industrial users which might be subject to the POTW pretreatment program.

ATTACHMENT 8

RECEIVING WATERS INFO TIER DETERMINATION/303 (D) LISTING

MEMORANDUM

Department of Environmental Quality
Tidewater Regional Office

5636 Southern Boulevard

Virginia Beach, VA 23462

From: SUBJECT: VPDES Application Requests
To: Stephen Cioccia, TRO
FROM: RESMITHSON, TRO
DATE: 6/25/09
COPIES: TRO File - facility #580, PPP

An application has been received for the following facility:

VPDES #: VA0067423 Facility Name: Town of Tangier WWTP

Topo Map Name: Tangier Island 143C

Receiving Stream: Chesapeake Bay

[Must be provided for each outfall included in this request or request will be returned]

Attached is a Topographic Map showing facility property boundaries and outfall location(s) for those included in this request. [MUST be provided or request will be returned]

Attached is a stream data Request Form (if data is requested).

We request the following information from you:

1. X Tier Determination. Tier: 1 (discharge to impaired receiving stream)
Not Please include a basis for the tier determination. See attachment 1

2. requested Stream Data Requested for outfall(s) 001
[“STREAM DATA RETRIEVAL REQUEST FORM” MUST be completed & included]

3. X Is this facility mentioned in a Management Plan?

✓ No Yes No, but will be included when the Plan is updated.

4. X Are limits contained in a Management Plan?

✓ No Yes (If Yes, Please include the basis for the limits.)

5. X Indicate outfall(s) which discharge directly to an impaired (Category 5) stream segment? 001

6. X Are outfall(s) WLAs contained in an approved TMDL?

✓ No Yes (If Yes, Please include the WLAs)

Return Date Requested: 7/9/09

Date Returned: 7/9/09

Department of Environmental Quality
Tidewater Regional Office

5636 Southern Boulevard

Virginia Beach, VA 23462

SUBJECT: VPDES Application Requests

TO: ^{Planning}
~~Tracye West~~, TRO

FROM: B. Smithson, TRO

DATE: 7/6/99

COPIES: TRO File - facility # 580, PPP

An application has been received for the following facility:

Town of Tangier WWTP

Topo Map Name: Tangier Island 143C VPDES #: VA0067423

We request the following information from you:

1. X River Mile Determination for the smallest named water body into which this discharge flows.
2. X Latitude/Longitude Confirmation.
(If single outfall, outfall location; if multiple outfalls, center of facility.)
3. STORET Data.
4. Location of station(s) if STORET data are provided.

Attached are the following:

1. X River Mile Determination Form.
2. X Topographic Map showing outfall location(s).
3. STORET Request Form.

Return Due Date: 7/20/99 Date Returned: 7/12/99 ^{RAC}

River Mile: 7-CHE 061.00

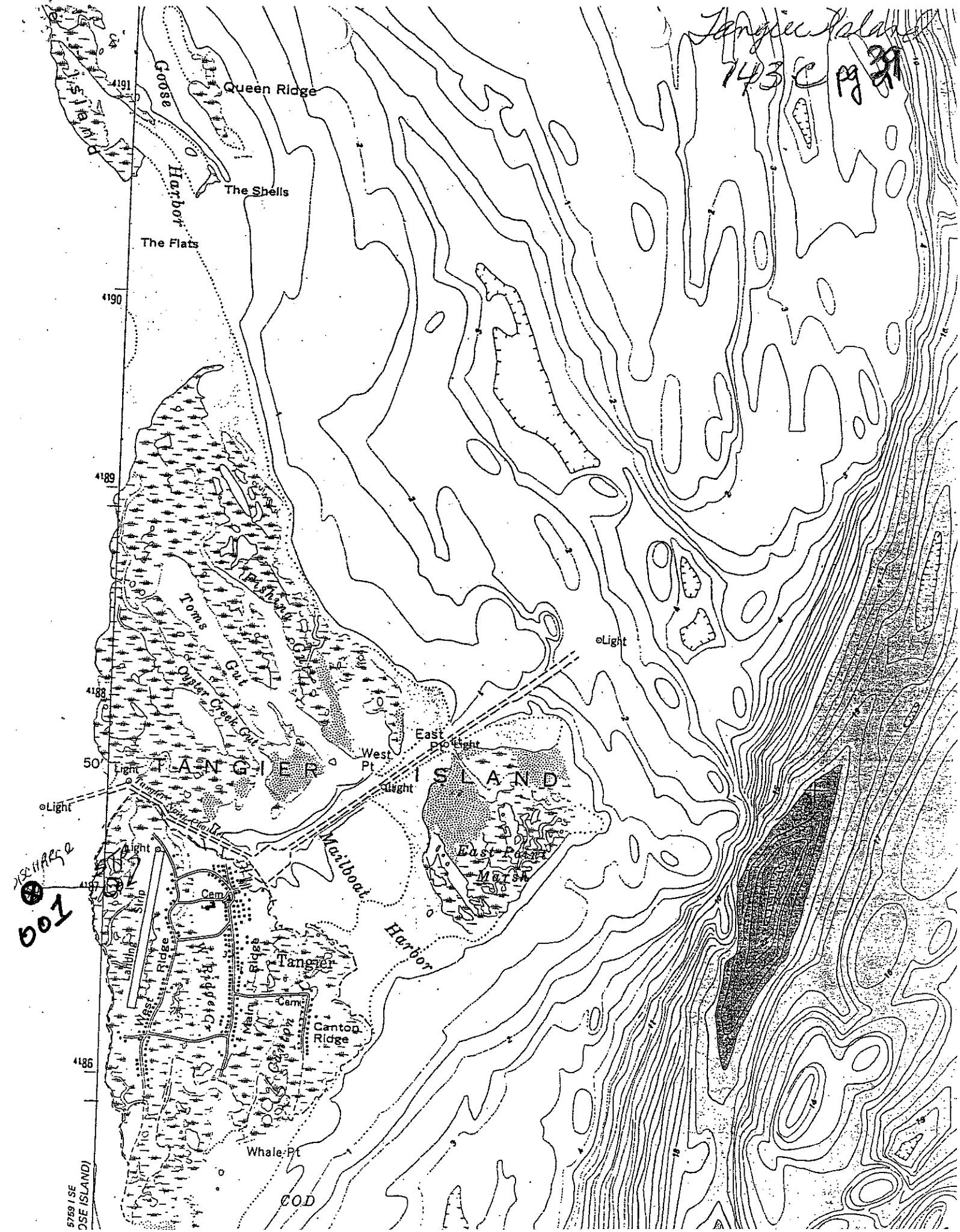
FACILITY:

Lat./Long.: 37 49 40/076 00 35

37 49 40/
075 59 58

WATER BODY ID:
STORET Station: VAT-C10E
SECTION
STORET Station: 2

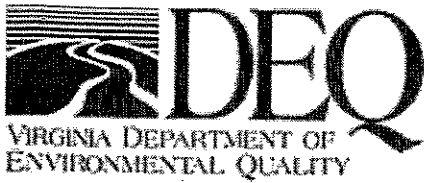
Tangier Island
743 C pg 37



001

000

5759 I SE
(SE ISLAND)



2008 Impaired Waters

Category 4 & 5 by Cause Group Code*

Chesapeake Bay/Atlantic/Small Coastal Basins

Cause Group Code: C01E-17-PCB - Chesapeake Bay and Tidal Tributaries

Location:	Chesapeake Bay mainstem and its small coastal tidal tributaries
City/County	Accomack Co., Chesapeake Bay, Gloucester Co., Lancaster Co., Mathews Co., Middlesex Co., Norfolk City, Northampton Co., Northumberland Co., Poquoson City, Virginia Beach City, York Co.
Use(s):	Fish Consumption
Cause(s) / VA Category:	PCB in Fish Tissue / 5A

The Chesapeake Bay and its tidal tributaries are included under the 12/13/2004 VDH Fish Consumption Advisories for PCBs. No more than 2 meals/month are recommended of anadromous (coastal) striped bass.

The advisory was based on the results of DEQ's fish tissue monitoring program, which showed elevated PCBs levels in several monitoring sites within the basin, including:

2 sp at 7-GWR007.97 in the Great Wicomico River
1 sp. At 7-COC000.40 in Cockrell Creek

Also, VDH issued an additional separate fish consumption advisory on 12/13/2004 for PCBs in the Mobjack Bay and its tributaries, particularly the East, West, and Ware Rivers. No more than two meals/month of gizzard shad are recommended.

Chesapeake Bay and Tidal Tributaries

Fish Consumption

PCB in Fish Tissue / 5A

Total impaired size by water type:

Estuary
(sq. miles)

Reservoir
(acres)

River
(miles)

1857.07

Sources:

- Source Unknown

Attachment 1-1



2008 Impaired Waters

Category 4 & 5 by Cause Group Code*

Chesapeake Bay/Atlantic/Small Coastal Basins

Cause Group Code: TANMH-DO-BAY - Chesapeake Bay segment TANMH (Tangier Sound)

Location:	This cause encompasses the complete CBP segment TANMH.
City/County	Accomack Co.
Use(s):	Aquatic Life, Open-Water Aquatic Life
Cause(s) / VA Category:	Oxygen, Dissolved / 5A, Oxygen, Dissolved / 5A

The 30-day dissolved oxygen criteria for open water use failed for the 2008 assessment. There is insufficient data to assess remaining shorter dissolved oxygen criteria for this use.

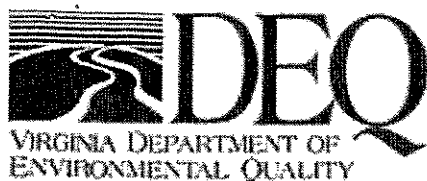
Chesapeake Bay segment TANMH (Tangier Sound)	Estuary (sq. miles)	Reservoir (acres)	River (miles)
Aquatic Life	Oxygen, Dissolved / 5A Total impaired size by water type:	122.54	

Open-Water Aquatic Life	Estuary (sq. miles)	Reservoir (acres)	River (miles)
	Oxygen, Dissolved / 5A Total impaired size by water type:	122.54	

Sources:

- Agriculture
- Atmospheric Deposition - Nitrogen
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Attachment 1-3



2008 Impaired Waters

Category 4 & 5 by Cause Group Code*

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Chesapeake Bay/Atlantic/Small Coastal Basins

Cause Group Code: TANMH-SAV-BAY - Chesapeake Bay segment TANMH (Tangier Sound)

Location:	This cause encompasses the complete CBP segment TANMH.
City/County	Accomack Co.
Use(s):	Aquatic Life, Shallow-Water Submerged Aquatic Vegetation
Cause(s) / VA Category:	Aquatic Plants (Macrophytes) / 5A, Aquatic Plants (Macrophytes) / 5A

The acres of submerged aquatic vegetation (SAV) mapped through aerial surveys does not meet the criteria. There is insufficient data to assess the water clarity criteria.

Chesapeake Bay segment TANMH (Tangier Sound)	Estuary (sq. miles)	Reservoir (acres)	River (miles)
Aquatic Life	122.54		
Aquatic Plants (Macrophytes) / 5A Total impaired size by water type:			

Shallow-Water Submerged Aquatic Vegetation	Estuary (sq. miles)	Reservoir (acres)	River (miles)
	122.54		
Aquatic Plants (Macrophytes) / 5A Total impaired size by water type:			

Sources:

- Agriculture
- Atmospheric Deposition - Nitrogen
- Clean Sediments
- Industrial Point Source Discharge
- Internal Nutrient Recycling
- Loss of Riparian Habitat
- Municipal Point Source Discharges
- Sediment Resuspension (Clean Sediment)
- Sources Outside State Jurisdiction or Borders
- Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)

Attachment 1-5

ATTACHMENT 9

TABLE III (a) & TABLE III (b) - CHANGE SHEETS

TABLE III(a)
VPDES PERMIT PROGRAM
Permit Processing Change Sheet

1. Effluent Limits and Monitoring Schedule: (List any changes FROM PREVIOUS PERMIT and give a brief rationale for the changes).

OUTFALL NUMBER	PARAMETER CHANGED	MONITORING LIMITS CHANGED FROM / TO	EFFLUENT LIMITS CHANGED FROM / TO	RATIONALE	DATE & INITIAL
OTHER ITEMS CHANGED:					DATE & INITIAL
Added footnote on effluent limits page in which there is an individual permit with an associated watershed general permit (WGP)					07/06/09
Added Nutrient Reopener and water quality standards reopener					07/06/09
Schedule of Compliance for enterococci removed from this permit					07/06/09
Removed the following special conditions: Basis of Design, Interim Optimization Plan, nutrient reporting calculations					07/06/09

TABLE III(b)

VPDES PERMIT PROGRAM
Permit Processing Change Sheet

1. Effluent Limits and Monitoring Schedule: (List any changes MADE DURING PERMIT PROCESS and give a brief rationale for the changes).

N/A

OUTFALL NUMBER	PARAMETER CHANGED	MONITORING LIMITS CHANGED FROM / TO	EFFLUENT LIMITS CHANGED FROM / TO	RATIONALE	DATE & INITIAL

OTHER CHANGES FROM:	CHANGED TO:	DATE & INITIAL

ATTACHMENT 10
EPA PERMIT CHECKLIST

Part I. Virginia Draft Permit Submission Checklist

In accordance with the MOA established between the Commonwealth of Virginia and the United States Environmental Protection Agency, Region III, the Commonwealth submits the following draft National Pollutant Discharge Elimination System (NPDES) permit for Agency review and concurrence.

Facility Name: Town of Tangier WWTP

NPDES Permit Number: VA0067423

Permit Writer Name: R. E. Smithson

Date: 07/06/09

Major ☐ Minor ☒ Industrial ☐ Municipal ☒ TMDL Related ☐

A. Draft Permit Package Submittal Includes:	Yes	No	N/A
1. Permit Application?	X		
2. Complete Draft Permit (for renewal or first time permit – entire permit, including boilerplate information)?	X		
3. Copy of Public Notice?		X	
4. Complete Fact Sheet?	X		
5. Priority Pollutant Screening to determine parameters of concern?	X		
6. Reasonable Potential analysis showing calculated WQBELs?	X		
7. Dissolved Oxygen calculations?		X	
8. Whole Effluent Toxicity Test summary and analysis?		X	
9. Permit Rating Sheet for new or modified industrial facilities?			X

B. Permit/Facility Characteristics	Yes	No	N/A
1. Is this a new, or currently unpermitted facility?		X	
2. Are all permissible outfalls (including combined sewer overflow points, non-process water and storm water) from the facility properly identified and authorized in the permit?	X		

B. Permit/Facility Characteristics -- cont		Yes	No	N/A
3. Does the record or permit contain a description of the wastewater treatment process?	X			
4. Does the review of PCS/DMR data for at least the last 3 years indicate significant non-compliance with the existing permit?			X	
5. Has there been any change in streamflow characteristics since the last permit was developed?			X	
6. Does the permit allow the discharge of new or increased loadings of any pollutants?			X	
7. Does the record or permit provide a description of the receiving water body(s) to which the facility discharges, including information on low/critical flow conditions and designated/existing uses?	X			
8. Does the facility discharge to an impaired water (i.e., 303(d) listed water)?	X			
9. Has a TMDL been developed and approved by EPA for the impaired water?			X	
10. Does the record indicate that the TMDL development is on the State priority list and will most likely be developed within the life of the permit?			X	
11. Does the facility discharge a pollutant of concern identified in the TMDL?				X
12. Have any limits been removed, or are any limits less stringent, than those in the current permit?			X	
13. Does the permit authorize discharges from Combined Sewer Overflows (CSOs)?			X	
14. Does the permit allow/authorize discharge of sanitary sewage from points other than the POTW outfall(s) or CSO outfalls [i.e., Sanitary Sewer Overflows (SSOs) or treatment plant bypasses]?			X	
15. Does the permit authorize discharges of storm water?			X	
16. Has the facility substantially enlarged or altered its operation or substantially increased its flow or production?			X	
17. Are there any production-based, technology-based effluent limits in the permit?			X	
18. Do any water quality-based effluent limit calculations differ from the State's standard policies or procedures?			X	
19. Are any WQBELs based on an interpretation of narrative criteria?			X	
20. Does the permit incorporate any variances or other exceptions to the State's standards or regulations?			X	

B. Permit/Facility Characteristics -- cont	Yes	No	N/A
21. Does the permit contain a compliance schedule for any limit or condition?		X	
22. Does the permit include appropriate Pretreatment Program requirements?			X
23. Is there a potential impact to endangered/threatened species or their habitat by the facility's discharge(s)?		X	
24. Have impacts from the discharge(s) at downstream potable water supplies been evaluated?			X
25. Is there any indication that there is significant public interest in the permit action proposed for this facility?		X	
26. Has previous permit, application, and fact sheet been examined?	X		

**Part IIa. NPDES Draft Permit Checklist
Region III NPDES Permit Quality Checklist – for POTWs**

A. Permit Cover Page/Administration	Yes	No	N/A
1. Does the record or permit describe the physical location of the facility, including latitude and longitude (not necessarily on permit cover page)?	X		
2. Does the permit contain specific authorization-to-discharge information (from where to where, by whom)?	X		

B. Effluent Limits – General Elements	Yes	No	N/A
1. Does the record describe the basis of final limits in the permit (e.g., that a comparison of technology and water quality-based limits was performed, and the most stringent limit selected)?	X		
2. Does the record discuss whether “antibacksliding” provisions were met for any limits that are less stringent than those in the previous NPDES permit?			X

C. Technology-Based Effluent Limits (POTWs)	Yes	No	N/A
1. Does the permit contain numeric limits for <u>ALL</u> of the following: TSS, pH and BOD (or alternative, e.g., CBOD, COD, TOC)?	X		
2. Does the permit require at least 85% removal for BOD (or BOD alternative) and TSS (or 65% for equivalent to secondary) consistent with 40 CFR Part 133?	X		
2.a. If no, does the record indicate that application of WQBELs, or some other means, results in more stringent requirements than 85% removal or that an exception consistent with 40 CFR 133.103 has been approved?			X
3. Are technology-based permit limits expressed in the appropriate units of measure (e.g., concentration, mass, SU)?	X		
4. Are permit limits for BOD and TSS expressed in terms of both long term (e.g., average monthly) and short term (e.g., average weekly, daily maximum) limits?	X		
5. Are any concentration limitations in the permit less stringent than the secondary treatment requirements (30 mg/l BOD5 and TSS for a 30-day average and 45 mg/l BOD5 and TSS for a 7-day average)?		X	
5.a. If yes, does the record provide a justification (e.g., waste stabilization pond, trickling filter, etc.) for the alternate limitations?			X

D. Water Quality-Based Effluent Limits	Yes	No	N/A
1. Does the permit include appropriate limitations consistent with 40 CFR 122.44(d) covering state narrative and numeric criteria for water quality?	X		
2. Does the record indicate that any WQBELs were derived from a completed and EPA approved TMDL?		X	

D. Water Quality-Based Effluent Limits – cont.	Yes	No	N/A
3. Does the record provide effluent characteristics for each outfall?	X		
4. Does the record document that a “reasonable potential” evaluation was performed?	X		
4.a. If yes, does the record indicate that the “reasonable potential” evaluation was performed in accordance with the State’s approved procedures?	X		
5. Does the record describe the basis for allowing or disallowing in-stream dilution or a mixing zone?			X
6. Does the record present WLA calculation procedures for all pollutants that were found to have “reasonable potential”?	X		
7. Does the record indicate that the “reasonable potential” and WLA calculations accounted for contributions from upstream sources (i.e., do calculations include ambient/background concentrations)?			X
8. Does the permit contain numeric effluent limits for all pollutants for which “reasonable potential” was determined?	X		
9. Are all final WQBELs in the permit consistent with the justification and/or documentation provided in the record?	X		
10. For all final WQBELs, are BOTH long-term (e.g., average monthly) AND short-term (e.g., weekly average, maximum daily, or instantaneous) effluent limits established?	X		
11. Are WQBELs expressed in the permit using appropriate units of measure (e.g., mass, concentration)?	X		
12. Does the record indicate that an “antidegradation” review was performed in accordance with the State’s approved antidegradation policy?	X		

E. Monitoring and Reporting Requirements	Yes	No	N/A
1. Does the permit require at least annual monitoring for all limited parameters and other monitoring as required by State and Federal regulations?	X		
1.a. If no, does the record indicate that the facility applied for and was granted a monitoring waiver, AND, does the permit specifically incorporate his waiver?			X
2. Does the permit identify the physical location where monitoring is to be performed for each outfall?	X		

E. Monitoring and Reporting Requirements cont'd	Yes	No	N/A
3. Does the permit require at least annual influent monitoring for BOD (or BOD alternative) and TSS to assess compliance with applicable percent removal requirements?	X		
4. Does the permit require testing for Whole Effluent Toxicity (if applicable)?			X

F. Special Conditions	Yes	No	N/A
1. Does the permit include appropriate biosolids use/disposal requirements?	X		
2. Does the permit include appropriate storm water program requirements?			X
3. If the permit contains compliance schedule(s), are they consistent with statutory and regulatory deadlines and requirements?	X		
4. Are other special conditions (e.g., ambient sampling, mixing studies, TIE/TRE, BMPs, special studies) consistent with CWA and NPDES regulations?	X		
5. For CSO facilities, does the permit require implementation of the "Nine Minimum Controls"?			X
6. For CSO facilities, does the permit require development and implementation of a "Long Term Control Plan"?			X
7. For CSO facilities, does the permit require monitoring and reporting for CSO events?			X

G. Standard Conditions	Yes	No	N/A
1. Does the permit contain all 40 CFR 122.41 standard conditions or the State equivalent (or more stringent) conditions?	X		
List of Standard Conditions – 40 CFR 122.41			
Duty to comply	Property rights	Reporting Requirements	
Duty to reapply	Duty to provide information	Planned change	
Need to halt or reduce activity	Inspections and entry	Anticipated noncompliance	
Not a defense	Monitoring and records	Transfers	
Duty to mitigate	Signatory requirement	Monitoring reports	
Proper O & M	Bypass	Compliance schedules	
Permit actions	Upset	24-Hour reporting	
		Other non-compliance	
2. Does the permit contain the additional standard condition (or the State equivalent or more stringent conditions) for POTWs regarding notification of new introduction of pollutants and new industrial users [40 CFR 122.42(b)]?	X		

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Part IIb. NPDES Draft Permit Checklist
Region III NPDES Permit Quality Review Checklist – For Non-POTWs

N/A

A. Permit Cover Page/Administration	Yes	No	N/A
1. Does the record or permit describe the physical location of the facility, including latitude and longitude (not necessarily on permit cover page)?			
2. Does the permit contain specific authorization-to-discharge information (from where to where, by whom)?			

B. Effluent Limits – General Elements	Yes	No	N/A
1. Does the record describe the basis of final limits in the permit (e.g., that a comparison of technology and water quality-based limits was performed, and the most stringent limit selected)?			
2. Does the record discuss whether “antibacksliding” provisions were met for any limits that are less stringent than those in the previous NPDES permit?			

C. Technology-Based Effluent Limits (Effluent Guidelines & BPJ)	Yes	No	N/A
1. Is the facility subject to a national effluent limitations guideline (ELG)?			
1.a. If yes, does the record adequately document the categorization process, including an evaluation of whether the facility is a new source or an existing source?			
1.b. If no, does the record indicate that a technology-based analysis based on Best Professional Judgement (BPJ) was used for all pollutants of concern discharged at treatable concentrations?			
2. For all limits developed based on BPJ, does the record indicate that the limits are consistent with the criteria established at 40 CFR 125.3(d)?			
3. Does the record adequately document the calculations used to develop both ELG and /or BPJ technology-based effluent limits?			
4. For all limits that are based on production or flow, does the record indicate that the calculations are based on a “reasonable measure of ACTUAL production: for the facility (not design)?			
5. Does the permit contain “tiered” limits that reflect projected increases in production or flow?			
5.a. If yes, does the permit require the facility to notify the permitting authority when alternate levels of production or flow are attained?			
6. Are technology-based permit limits expressed in appropriate units of measure (e.g., concentration, mass, SU)?			

C. Technology-Based Effluent Limits (Effluent Guidelines & BPJ) -- cont	Yes	No	N/A
7. Are all technology-based limits expressed in terms of both maximum daily and monthly average limits?			
8. Are any final limits less stringent than required by applicable effluent limitations guidelines or BPJ?			

D. Water Quality-Based Effluent Limits	Yes	No	N/A
1. Does the permit include appropriate limitations consistent with 40 CFR 122.44(d) covering State narrative and numeric criteria for water quality?			
2. Does the record indicate that any WQBELs were derived from a completed and EPA approved TMDL?			
3. Does the record provide effluent characteristics for each outfall?			
4. Does the record document that a "reasonable potential" evaluation was performed?			
4.a. If yes, does the record indicate that the "reasonable potential" evaluation was performed in accordance with the State's approved procedures?			
5. Does the record describe the basis for allowing or disallowing in-stream dilution or a mixing zone?			
6. Does the record present WLA calculation procedures for all pollutants that were found to have "reasonable potential"?			
7. Does the record indicate that the "reasonable potential" and WLA calculations accounted for contributions from upstream sources (e.g., do calculations include ambient/background concentrations where data are available)?			
8. Does the permit contain numeric effluent limits for all pollutants for which "reasonable potential" was determined?			
9. Are all final WQBELs in the permit consistent with the justification and/or documentation provided in the record?			
10. For all final WQBELs, are BOTH long-term (e.g., average monthly) AND short-term (e.g., maximum daily, instantaneous) effluent limits established?			
11. Are WQBELs expressed in the permit using appropriate units of measure (e.g., mass concentration)?			
12. Does the record indicate that an "antidegradation" review was performed in accordance with the State's approved antidegradation policy?			

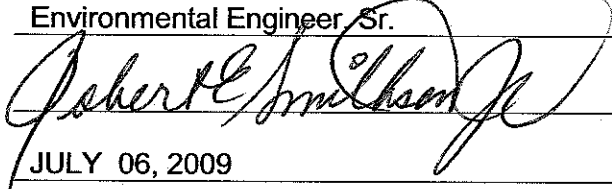
E. Monitoring and Reporting Requirements	Yes	No	N/A
1. Does the permit require at least annual monitoring for all limited parameters?			
1.a. If no, does the record indicate that the facility applied for and was granted a monitoring waiver, AND, does the permit specifically incorporate his waiver?			
2. Does the permit identify the physical location where monitoring is to be performed for each outfall?			
3. Does the permit require testing for Whole Effluent Toxicity in accordance with the State's standard practices (if applicable)?			

F. Special Conditions	Yes	No	N/A
1. Does the permit require development and implementation of a Best Management Practices (BMP) plan or site-specific BMPs?			
1.a. If yes, does the permit adequately incorporate and require compliance with the BMPs?			
2. If the permit contains compliance schedule(s), are they consistent with statutory and regulatory deadlines and requirements?			
3. Are other special conditions (e.g., ambient sampling, mixing studies, TIE/TRE, BMPs, special studies) consistent with CWA and NPDES regulations?			

G. Standard Conditions	Yes	No	N/A
1. Does the permit contain all 40 CFR 122.41 standard conditions or the State equivalent (or more stringent) conditions?			
List of Standard Conditions – 40 CFR 122.41			
Duty to comply			
Duty to reapply			
Need to halt or reduce activity not a defense			
Duty to mitigate			
Proper O & M			
Permit Actions			
Property rights			
Duty to provide information			
Inspections and entry			
Monitoring and reporting			
Signatory requirement			
Reporting requirements			
Planned change			
Anticipated noncompliance			
Transfers			
Monitoring Reports			
Compliance schedules			
24-hour reporting			
Other non-compliance			
Bypass			
Upset			
2. Does the permit contain the additional standard condition (or the State equivalent or more stringent conditions) for existing non-municipal dischargers regarding pollutant notification levels [40 CFR 122.42(a)]?			

Part III. Signature Page

Based on a review of the data and other information submitted by the permit applicant, and the draft permit and other administrative records generated by the Department and/or made available to the Department, the information provided on this checklist is accurate and complete, to the best of my knowledge.

Name	<u>R. E. Smithson</u>
Title	<u>Environmental Engineer, Sr.</u>
Signature	
Date	<u>JULY 06, 2009</u>

ATTACHMENT 11
CHRONOLOGY SHEET

CHRONOLOGY OF EVENTS

[illegible]

Date DESCRIPTIVE STATEMENT [CHRONOLOGY OF EVENTS] (Meetings, telephone calls, letters, memos, hearings, etc. affecting permit from application to issuance)

ATTACHMENT 12

PUBLIC PARTICIPATION
INFORMATION

ATTACHMENT 13

OTHER DOCUMENTS



COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY

TIDEWATER REGIONAL OFFICE

5636 Southern Boulevard, Virginia Beach, Virginia 23462

(757) 518-2000 Fax (757) 518-2103

www.deq.virginia.gov

L. Preston Bryant, Jr.
Secretary of Natural Resources

David K. Paylor
Director

Francis L. Daniel
Regional Director

August 6, 2009

Ms. Renee Tyler, Town Manager
Town of Tangier
P. O. Box 244.
Tangier, Va. 23440

RE: VPDES Permit No. VA0067423 - Permit Reissuance
Town of Tangier Wastewater Treatment Plant, Tangier, VA

Dear Ms. Tyler:

The State Water Control Board is considering issuing the referenced permit modification. Please review the enclosed public notice and draft permit package carefully.

Certain public notice procedures must be complied with before the actual permit can be approved. They are as follows:

1. The attached public notice must be published once a week for two consecutive weeks in a newspaper of general local circulation. Please complete, sign, and return the attached authorization form which will allow us to mail the notice to the newspaper and allow the newspaper to bill you for the public notice.
2. A minimum of 30 days will be allowed for public response following the date of the first public notice. If no public response is received, or the public response can be satisfactorily answered, then the permit will be processed. However, if there is significant public response, then we may hold a public hearing. You will be advised if this occurs.

Please return the Public Notice Authorization as soon as possible so that we can continue processing your permit. If you have not submitted the authorization form within 14 days, permit processing will cease.

If you have any questions or comments on the draft permit or public notice requirements, please contact me at (757) 518-2106.

Sincerely,

Robert E. Smithson
Environmental Engineer Senior

Encl: Draft Permit and Fact Sheet
Public Notice
Public Notice Authorization Form

Cc: DEQ TRO File # 580

**AUTHORIZATION TO BILL APPLICANT FOR
A PUBLIC NOTICE FOR
TOWN OF TANGIER WWTP
RE: PERMIT NO. VA0067423**

I hereby authorize the Department of Environmental Quality to have the cost of publishing a public notice billed to the Agent/Department shown below. The public notice will be published once a week for two consecutive weeks in the:

Eastern Shore News

Agent/Department to be billed: Ms. Renee Tyler, Town Manager
Town of Tangier
P. O. Box 244.
Tangier, Va. 23440

Applicant's Address: Ms. Renee Tyler, Town Manager
Town of Tangier
P. O. Box 244.
Tangier, Va. 23440

Agent's Telephone No: _____

I AM ALSO AUTHORIZING THE EASTERN SHORE NEWS TO SEND THE AFFIDAVIT TO:

DEPARTMENT OF ENVIRONMENTAL QUALITY
TIDEWATER REGIONAL OFFICE
ATTN: Ms. Jeannie Mastice
5636 SOUTHERN BOULEVARD
VIRGINIA BEACH, VA 23462

Authorizing Agent: _____

Print Name

Authorizing Agent's _____

Signature

VPDES Permit No. VA0067423
Town of Tangier WWTP, Tangier, VA

PUBLIC NOTICE OF AN ENVIRONMENTAL PERMIT

Citizens are invited to comment on a proposed permit that will allow the release of treated wastewater from a regulated municipal activity into a waterway in Tangier, Virginia

PUBLIC COMMENT PERIOD: Until 4:30 PM 30 days from the first date of this public notice (date to be inserted by newspaper)

PERMIT NAME: Virginia Pollutant Discharge Elimination System Permit. Owners or operators of facilities that discharge into Virginia waterways from a set location called a point source must apply for this permit.

NAME ADDRESS AND PERMIT NUMBER OF APPLICANT: Town of Tangier, P. O. Box 244, Tangier, Va. 23440; Permit No. VA0067423

NAME AND ADDRESS OF FACILITY: Town of Tangier Wastewater Treatment Plant, 7448 Wastewater Treatment Plant Road, Tangier, VA 23440

DISCHARGE LOCATION/RECEIVING STREAM/WATERSHED: Tangier, VA; discharge to the Chesapeake Bay- Chesapeake Bay, Atlantic Ocean and Small Coastal basin.

PROJECT DESCRIPTION: The Town of Tangier has applied to the Department of Environmental Quality (DEQ) for the reissuance of a permit for a treated domestic waste water discharge from the town's residences/businesses. The applicant proposes to discharge at a rate of 0.10 million gallons per day (MGD). The permit will limit the following pollutants to amounts that protect water quality: pH, biochemical oxygen demand, total suspended solids, dissolved oxygen, Enterococci, fecal coliform and total residual chlorine. Generated sludge will be incinerated. Nutrient monitoring is required.

TO COMMENT TO DEQ: via e-mail, fax or postal mail. You must include your name, address and telephone number plus the names and telephone numbers of any people you represent. DEQ must receive your comments during the comment period.

The public may review permit documents at the Tidewater Regional Office every work day by appointment. You may request a public hearing via e-mail, fax or postal mail during the comment period. Requests for hearings must include the reason for the hearing request, the nature of the issue(s) to be raised in the public hearing, your interest and how the facility affects you. DEQ may hold a public hearing, including another comment period, if public response is significant and there are substantial, disputed issues relevant to the permit.

CONTACT: Robert E. Smithson, DEQ Tidewater Regional Office, 5636 Southern Blvd. Va. Beach 23462. Tel: 757-518-2106; Fax: 757-518-2009. E-mail: robert.smithsonjr@deq.virginia.gov

MEMORANDUM

DEPARTMENT OF ENVIRONMENTAL QUALITY TIDEWATER REGIONAL OFFICE

5636 Southern Boulevard

Virginia Beach, VA 63462

SUBJECT: PLANNING STATEMENT COMMENTS FOR VPDES PERMIT NO. VA0067423

FACILITY: Town of Tangier WWTP

ACTION: REISSUE

FACTYPE: MUNICIPAL

TO: PLANNING

FROM: Water Permits

DATE: July 30, 2009

DRAFTED BY: R. E. Smithson

COPIES: TRO File

Please review the subject VPDES Permit package [Application/Fact Sheet/Part I] within 14 days from the date of the memo for conformance with the applicable Board adopted plans and indicate one of the following:

☒ This facility is NOT MENTIONED in an existing Board adopted water quality management planning document applicable to the Cheasapeake Bay - Small Coastal - Eastern Shore River Basins

This facility will be included in the WQMP

When the plan is updated.

☐ This facility IS MENTIONED in the existing Board adopted water quality management planning documents for the

The facility APPEARS TO CONFORM with the plans.

☐ This facility IS NOT IN CONFORMANCE with the existing Board adopted water quality management planning documents applicable to the

COMMENTS:

Stephen A. Cisocio
Signature

7/31/09
Date



COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY

TIDEWATER REGIONAL OFFICE

5636 Southern Boulevard, Virginia Beach, Virginia 23462

(757) 518-2000 Fax (757) 518-2103

www.deq.virginia.gov

L. Preston Bryant, Jr.
Secretary of Natural Resources

David K. Paylor
Director

Francis L. Daniel
Regional Director

July 7, 2009

Ms. Renee Tyler, Town Manager
Town of Tangier Wastewater Treatment Plant
P. O. Box 244
Tangier, VA 23440

RE: VPDES Permit Reissuance VA0067423
Town of Tangier Wastewater Treatment Plant
Tangier, VA

Dear Ms. Tyler:

Your application received June 17, 2009 has been reviewed and appears to be complete. Other reviews of the application will be required by state agencies to ensure that public health and the environment will be protected.

The next steps involve assembling the information necessary to develop the permit limitations and then drafting the permit. Once the draft permit is prepared and the appropriate reviews are performed, I will transmit the draft permit and supporting documentation to you for review.

Thank you for your cooperation in submitting the completed application. If you have any questions about our procedures or the status of your draft permit, please feel free to call me at (757) 518-2106.

Sincerely,

Robert E. Smithson
Environmental Engineer Senior

cc: DEQ PPP File #580



COMMONWEALTH of VIRGINIA

Department of Health DIVISION OF SHELLFISH SANITATION

109 Governor Street, Room 614-B
Richmond, VA 23219

Ph: 804-864-7487
Fax: 804-864-7481

MEMORANDUM

DATE: 7/1/2009
TO: Robert E. Smithson, Jr.
Department of Environmental Quality
FROM: Robert E. Croonenberghs, Ph.D., Director
Division of Shellfish Sanitation
SUBJECT: Town of Tangier Wastewater Treatment Plant

City / County: Accomack

Waterbody: Chesapeake Bay

Type: ☒ VPDES ☐ VMRC ☐ VPA ☐ VWP ☐ JPA ☐ Other:

Application / Permit Number: VA0067423



- ☐ The project will not affect shellfish growing waters.
- ☐ The Division has no comments on the proposal. The project will involve approved shellfish growing waters, though a change in classification will not be required.
- ☒ The project is located in condemned shellfish growing waters and the activity, as described, will not cause an increase in the size or type of the existing closure.
- ☐ The project will affect condemned shellfish waters and will not cause an increase in the size of the total condemnation. However, a prohibited area (an area from which shellfish relay to approved waters for self-purification is not allowed) will be required within a portion of the currently condemned area. See comments.
- ☐ A buffer zone (including a prohibited area) has been previously established in the vicinity of this discharge, however, the closure will have to be revised. Map attached.
- ☐ This project will affect approved shellfish waters. If this discharge is approved, a buffer zone (including a prohibited area) will be established in the vicinity of the discharge. Map attached.
- ☐ Other.

ADDITIONAL COMMENTS: VDH-DSS conducts routine water quality monitoring in the vicinity of the site and would be required to respond to any future degradation in water quality whether or not directly attributable to a specific source. If water quality were to deteriorate to a degree that does not meet the standard that exists at that time, then VDH-DSS would have to condemn the degraded area.

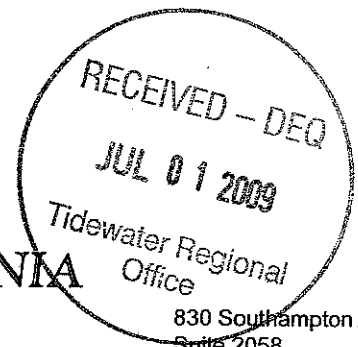


COMMONWEALTH of VIRGINIA

KAREN REMLEY, MD., M.B.A., F.A.A.P.
STATE HEALTH COMMISSIONER

DEPARTMENT OF HEALTH
OFFICE OF DRINKING WATER
Southeast Virginia Field Office

J.WESLEY KLEENE, Ph. D., P.E.
DIRECTOR, Office of Drinking Water



830 Southampton Avenue
Suite 2058
Norfolk, VA 23510
Phone (757) 683-2000
Fax (757) 683-2007

MEMORANDUM

TO: Robert E. Smithson, Jr.
Environmental Engineer Senior
Department of Environmental Quality – Tidewater Regional Office
DATE: **JUN 29 2009**

FROM: Daniel B. Horne, P.E.
Engineering Field Director

DBH

CITY/COUNTY: Accomack

PROJECT TYPE: ☐ New ☒ Renewal or Revision

☒ VPDES ☐ VPA ☐ VWPP ☐ JPA ☐ Other: _____

☒ Number: VA 0067423

OWNER/APPLICANT: Tangier, Town of

PROJECT: Tangier, Town of

- ☒ There are no public water supply raw water intakes located within 1.5 miles downstream or within one tidal cycle upstream of the discharge.
- ☐ The raw water intake for the _____ waterworks is located _____ miles [downstream/upstream] of the discharge. This should be a sufficient distance to minimize the impacts of the discharge. We recommend a minimum Reliability Class of _____ for this facility.
- ☐ The raw water intake for the _____ waterworks is located _____ miles [downstream/upstream (within one tidal cycle)] of the discharge.
- ☐ Please forward a copy of the Draft Permit for our review and comment.
- ☐ Comments:

Prepared by:

Dixon W. Tucker
Dixon W. Tucker
District Engineer

pc: V.D.H. - Office of Drinking Water, Field Services Engineer

R:\DIST22\Accomack\DEQ Permits\VPDES etc Transmittal Memo Tangier.doc

Smithson,Robert

From: Smithson,Robert
Sent: Wednesday, June 24, 2009 3:17 PM
To: Horne, Daniel (VDH); Howell, Beth (MRC); Stagg, Ben (MRC); Skiles, Keith (VDH)
Cc: McConathy,James
Subject: Permit Application for Review-Permit #VA0067423, Town of Tangier WWTP, Tangier, VA

Attached is a link to the FTP site to access a permit application for your review. Under the folder for the facility listed above on the FTP site, there is a letter for each agency and the permit application. Please pull the information that you need off the FTP site. The letters and application will remain available for no longer than 30 days. If you have any issues with the FTP site or if you have any questions, please contact me.

<ftp://ftp.deq.virginia.gov/wps/PERMIT/TRO/VDH,%20DSS,%20VMRC%20For%20Review/VA0067423%20Tangier%20WWTP>

6/24/2009

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Smithson,Robert

From: Smithson,Robert
Sent: Monday, April 27, 2009 8:58 AM
To: 'Bryan Horton'
Cc: Augusta Co. Service Authority - Ken Fanfoni
Subject: FW: Tangier WWTP

FYI- central office concurs with TRO staff assessment: no design flow downgrade

From: Brockenbrough,Allan
Sent: Thursday, April 23, 2009 5:16 PM
To: Smithson,Robert
Cc: McConathy,James; Kennedy,John; Pollock,Alan; Cunningham,Frederick
Subject: RE: Tangier WWTP

Bob-

At this point I would advise against de-rating the permitted flow to start the process of getting Tangier out of the Water Quality Management Planning Regulation and out of the nutrient trading general permit. I base this on the following....

- I pulled Tangier flows out of CEDS and their average flows exceeded 0.1 MGD for eight months straight from Jun '07 thru Jan '08.
- There will hopefully be legislation introduced in the next session of the GA to allow Eastern Shore facilities to trade with other basins. I'm not sure if this will be on the agency's legislative agenda but the Exchange has expressed an interest in working with DEQ and the Eastern Shore legislators to make this happen. If this pans out then there will be more than enough credits for Tangier. Tangier can then make the choice whether it is more economical to purchase credits as an Exchange member or non-member.
- There has been substantial opposition to any increase in loads going into the Bay and de-rating the plant would be viewed as increasing previously approved loads. Other facilities that barely qualified as "significant" CB dischargers could follow suit.

Give me a call if you would like to discuss this further.

Allan

From: Smithson,Robert
Sent: Monday, April 20, 2009 11:50 AM
To: McConathy,James; Brockenbrough,Allan; Kennedy,John; Pollock,Alan
Subject: FW: Tangier WWTP

Gentlemen, see correspondence below. Reissuance application is due end of this month and they appear to be waiting on central office decision on how to proceed as far as what to submit. They obviously will be late in their submittal, as they are waiting on something from Allan and/or John?

From: Bryan Horton [mailto:bnhonan@msn.com]
Sent: Monday, April 20, 2009 11:22 AM
To: Smithson,Robert
Subject: FW: Tangier WWTP

4/27/2009

Bob I have been waiting to hear info on this and was surprised when Ken forward the e- mail to me that you sent him. I was thinking it was not due to May as you will see in the e mails. Please let me know what you think is the best coarse of action I should take. Thanks Bryan.

Subject: RE: Tangier WWTP
 Date: Mon, 20 Apr 2009 11:12:02 -0400
 From: kfanfoni@co.augusta.va.us
 To: bnhonan@msn.com

Hi Bryan,
 The main question still was whether they would allow Tangier to ask for a reduction in design flow and if this would "remove" them from ENR or trading requirements. Would they allow a reduction to 0.095 MGD? Or would it have to be more significant, meaning having to worry about infringing on actual flow needs for the island?

Would they accept a request for extension, attaching John's email and saying that we are still waiting for DEQ to respond?

Or should you just send in a standard renewal request with a note that it may be modified pending a DEQ answer?

If you are concerned about the six month window for the application, we normally just let the permit writer know if we'll be late, and they are usually OK. You might try and email Bob, and I'd also mention waiting for DEQ since February.

From: Bryan Horton [mailto:bnhonan@msn.com]
Sent: Monday, April 20, 2009 10:52 AM
To: Ken Fanfoni
Subject: RE: Tangier WWTP

Ken I have been waiting to hear from you and forgot the due date was so close. I hope they do not hold that date to me I know you been waiting also. I have been working on my regional water plan. I do not know it I will be able to have all the info needed and to Renee to sign by this weekend. What can you do to help me out. I do not know why I thought this was due in May. Bryan

Subject: RE: Tangier WWTP
 Date: Mon, 20 Apr 2009 10:43:11 -0400
 From: kfanfoni@co.augusta.va.us
 To: Robert.SmithsonJr@deq.virginia.gov
 CC: James.McConathy@deq.virginia.gov; bnhonan@msn.com

Bob,
 The last I heard was that I would be getting a response from DEQ prior to the submittal date. I'm not sure I've heard anything yet from anyone. See John's email below from 2/4/09. He mentioned that I would be getting a recommendation from DEQ. Maybe you can check internally and see what's up? Thanks.
 Ken

From: Smithson,Robert [mailto:Robert.SmithsonJr@deq.virginia.gov]
Sent: Monday, April 20, 2009 10:34 AM
To: Ken Fanfoni
Cc: McConathy,James
Subject: FW: Tangier WWTP

Good morning Ken,

Just following up on Tangier's Reissuance application which is due April 28th to DEQ. Is everything on track for this submittal?

From: McConathy,James
Sent: Monday, April 20, 2009 10:27 AM

4/27/2009

To: Smithson,Robert
Subject: FW: Tangier WWTP

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From: Augusta Co. Service Authority - Ken Fanfoni
Sent: Sunday, February 08, 2009 5:57 PM
To: Kennedy,John
Cc: Brockenbrough,Allan; McConathy,James; Pollock,Alan; Bryan Horton; tgitownoffice@yahoo.com
Subject: RE: Tangier WWTP

John,
 Thanks for the reply and the contact info. I recognize the concerns with making a change like this, and I understand that DEQ has to consider all other consequences and how other permits would be impacted. If I can provide any information specific to the Tangier permit, I would be glad to talk with Allan or James. I think that one of the issues that might apply to Tangier versus other places is the fact that the Eastern Shore has such limited opportunities for nutrient trading or ny other practical options to meet the new rules. I would also expect the Chesapeake Bay Foundation to be very aware of what is going on with the Tangier permit, since they have their research station out there. But they should also recognize the reality of the minimal impact of the Tangier WWTP and the fact that they are essentially in compliance with the allocations. If a regulatory amendment could relieve the town of further administrative expenses, without actually impacting the bay in a negative way, perhaps everyone can come to some agreement.
 Thanks.
 Ken

From: Kennedy,John [mailto:jmkennedy@deq.virginia.gov]
Sent: Wednesday, February 04, 2009 9:04 AM
To: Ken Fanfoni
Cc: Brockenbrough,Allan; McConathy,James; Pollock,Alan
Subject: RE: Tangier WWTP

Ken – I've passed your email on to the Central Office Water Permit staff and they, in turn, have been corresponding with the Tidewater Regional Office Permit staff on this issue. The folks involved are Allan Brockenbrough in CO and James McCarthy in TRO.

According to TRO, the permit comes up for reissuance in Oct., so an application is expected in April. They should have a recommendation for you before the application is submitted but I can't say when exactly. There are concerns about setting a precedent to avoid the nutrient reduction requirements (there are several other plants "on the cusp" that might have benefited from a lower design flow rating), and the possibility of yielding a higher permitted design capacity (for the non-significant discharge rating below 100,000 gpd) that would give Tangier a higher nutrient allowance if they were to ever come back above the flow cut-off.

I suggest you deal directly with Allan and James in the future on this – I would only get involved if the approach is to reduce the flow rating and amend the Water Quality Mgmt Planning Regulation to remove Tangier from the significant discharger list.

John Kennedy
 DEQ Chesapeake Bay Program
 phone: 804-698-4312
 fax: 804-698-4116
 e-mail: jmkennedy@deq.virginia.gov

-----Original Message-----

From: Augusta Co. Service Authority - Ken Fanfoni
Sent: Monday, February 02, 2009 4:54 PM
To: Kennedy,John
Subject: Tangier WWTP

Hi John,
 It is time for the Tangier WWTP permit to be renewed. I asked Bob Smithson about amending their permit to de-rate their capacity so that they won't be subject to the Nutrient removal criteria. As you know, we have the issue of being slightly

4/27/2009

over on TP, no one to trade with, and the extra costs of paying Exchange dues annually. They can easily give up some permitted capacity.

Bob said he didn't see how DEQ could allow this. I spoke to Alan Brockenbrough in Richmond, and he mentioned that this issue or email had found its way to his office, so I assume you also saw it. This was an issue we have talked about, but now I can't seem to get an answer from DEQ, and the application is due.

I suppose someone could go through the plant in detail and try to find some part that is not in full SCAT compliance and use that to justify changing the design flow, but I'd rather not go to that trouble.

Time is running short, and I'd be happy to come down to DEQ-Richmond and talk to whoever can make a decision on this. If they cannot modify their permitted flow, they will have to be in the trading game for the future, with additional costs that they would rather avoid. If you can suggest how I can move this forward, or who I should talk with, I will come down there as soon as practical to discuss it. I'd rather get the answers and decisions first hand. It's hard doing it all by email and phone.

Thanks,

Ken



COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY

TIDEWATER REGIONAL OFFICE

5636 Southern Boulevard, Virginia Beach, Virginia 23462

(757) 518-2000 Fax (757) 518-2103

www.deq.virginia.gov

October 20, 2008

Preston Bryant
Secretary of Natural Resources

David K. Paylor
Director

Francis L. Daniel
Regional Director

Ms. Renee Tyler, Town Manager
Town of Tangier
PO Box 244
Tangier, Virginia 23440

Re: Reissuance of VPDES Permit No. VA0067423
Tangier WWTP, Tangier, VA

Dear Ms Tyler.

This letter is to remind you that your VPDES permit will expire on October 25, 2009.

If you wish to continue discharging, you must reapply for the permit. The State Water Control Board's VPDES Permit Regulation requires that we receive a complete application at least 180 days before the existing permit expires. The deadline for submitting the application is April 28, 2009. Early submissions are welcome and will better enable us to complete processing before permit expiration. The instructions and application forms are enclosed. The forms are also available online at the following address
<http://www.deq.virginia.gov/vpdes/permitfees.html>.

If you would like to request a waiver from any of the sampling or testing requirements in the application forms, you must submit your application and a thorough justification for the request at least 240 days prior to the existing permit's expiration date. These waiver requests must be approved by DEQ and the U. S. EPA at least 180 days before the existing permit expires. DEQ will review your waiver request and, if it is justified, forward it to EPA. Failure to submit the waiver request by the 240-day deadline will result in the waiver being denied.

Upon completing the application, return the original and five copies to the Tidewater Regional Office at the above address. If you have the technology available however, we would prefer that the original signature application and a disk/CD or an e-mail with the application attached be submitted. This would eliminate the requirement of submitting five copies. We have also enclosed a pamphlet on Electronic DMR submittal and are encouraging all facilities to consider using this system for your DMR reporting.

There is no application fee associated with this re-issuance process. The legislature developed a new fee structure effective July 1, 2004, that eliminated application fees for VPDES and VPA permits. In place of the application fee, the new regulation imposes an annual permit fee. You will be billed by DEQ in the fall of each year. Please call me at (757) 518-2106 if you have any questions.

Sincerely,

Robert E. Smithson
Environmental Engineer Senior

Encl: Application
cc: DEQ -TRO File 580 PPP

COMMONWEALTH OF VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM(NPDES)

DISCHARGE MONITORING REPORT(DMR)

Municipal Minor 07/07/2009

DEPT. OF ENVIRONMENTAL QUALITY
(REGIONAL OFFICE)

Tidewater Regional Office
5636 Southern Boulevard

Virginia Beach VA 23462

NOTE: READ PERMIT AND GENERAL INSTRUCTIONS
BEFORE COMPLETING THIS FORM.

PERMITTEE NAME/ADDRESS(INCLUDE
FACILITY NAME/LOCATION IF DIFFERENT)

NAME Tangier Town
ADDRESS PO Box 244
Tangier VA 23440

FACILITY 7448 Wastewater Treatment Plant Rd, Tangier, VA
LOCATION 23417

VA0067423	001
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD			
YEAR	MO	DAY	TO

FROM

PARAMETER	QUANTITY OR LOADING		QUALITY OR CONCENTRATION				NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
001 FLOW	REPORTD			*****	*****	*****			
	REQRMNT	0.10	NL	*****	*****	*****		CONT	REC
002 PH	REPORTD	*****			*****				
	REQRMNT	*****		6.0	*****	9.0	SU	1/DAY	GRAB
003 BOD5	REPORTD			*****					
	REQRMNT	11	17	*****	30	45	MG/L	1/W	4HC
004 TSS	REPORTD			*****					
	REQRMNT	11	17	*****	30	45	MG/L	1/W	4HC
005 CL2, TOTAL	REPORTD	*****		*****					
	REQRMNT	*****		*****	0.013	0.016	MG/L	1/DAY	GRAB
006 COLIFORM, FECAL	REPORTD	*****		*****					
	REQRMNT	*****		*****	200	*****	N/CML	1/W	GRAB
007 DO	REPORTD	*****		*****					
	REQRMNT	*****		4.0	*****	*****	MG/L	1/DAY	GRAB
068 TKN (N-KJEL)	REPORTD	*****		*****					
	REQRMNT	NL		*****	NL	*****	MG/L	2/M	4HC

ADDITIONAL PERMIT REQUIREMENTS OR COMMENTS

QLs: BOD5- 5 mg/l; TSS-1.0 mg/l; CL2-0.10 mg/l; TKN - 0.50 mg/l

BYPASSES AND OVERFLOWS		TOTAL FLOW(M.G.)		TOTAL BOD5(K.G.)		OPERATOR IN RESPONSIBLE CHARGE		DATE									
<p>I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS TO THE BEST OF MY KNOWLEDGE AND BELIEF TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS. SEE 18 U.S.C. & 1001 AND 33 U.S.C. & 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)</p>						TYPED OR PRINTED NAME		SIGNATURE		CERTIFICATE NO.		YEAR		MO.		DAY	
						PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT						TELEPHONE					
						TYPED OR PRINTED NAME						SIGNATURE					

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF ENVIRONMENTAL QUALITY
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM(NPDES)
DISCHARGE MONITORING REPORT(DMR)

Municipal Minor 07/07/2009
DEPT. OF ENVIRONMENTAL QUALITY
(REGIONAL OFFICE)
Tidewater Regional Office
5636 Southern Boulevard
Virginia Beach VA 23462

VA0067423	001				
PERMIT NUMBER	DISCHARGE NUMBER				
MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
			TO		

NOTE: READ PERMIT AND GENERAL INSTRUCTIONS BEFORE COMPLETING THIS FORM.

PARAMETER	QUANTITY OR LOADING		QUALITY OR CONCENTRATION			NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	AVERAGE	MAXIMUM	MINIMUM	AVERAGE	MAXIMUM			
140 ENTEROCOCCI	*****	*****	*****		*****			
	*****	*****	*****	35	*****		1/D-W	GRAB
157 CL2, TOTAL CONTACT	*****	*****		*****	*****			
	*****	*****	1.5	*****	*****	9	1/DAY	GRAB
213 CL2, INST TECH MIN LIMIT	*****	*****		*****	*****			
	*****	*****	0.60	*****	*****		1/DAY	GRAB

ADDITIONAL PERMIT REQUIREMENTS OR COMMENTS
QLS: BOD5- 5 mg/l; TSS-1.0 mg/l; CL2-0.10 mg/l; TKN - 0.50 mg/l

BYPASSES AND OVERFLOWS		TOTAL FLOW(M.G.)		TOTAL BOD5(K.G.)		OPERATOR IN RESPONSIBLE CHARGE			DATE						
I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS TO THE BEST OF MY KNOWLEDGE AND BELIEF TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS. SEE 18 U.S.C. & 1001 AND 33 U.S.C. & 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)						TYPED OR PRINTED NAME		SIGNATURE		CERTIFICATE NO.					
										YEAR					
										MO.					
										DAY					

Effluent Monitoring Reduction Evaluation

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Facility Name	Permit No	Month	Year	Duffal N	Param No	Param Name	Item	Requirement	Reported	Raw Points SUM	Final Points SUM	Months	Pts SUN	Raw Pts SUM	WUNOV	Comments	due dtmnd
Tangler Town	VA0067423	JAN	2004	001			No signature/date/phone			2	2	2	2	2			27-Feb-2004
Tangler Town	VA0067423	FEB	2004	001			No signature/date/phone, No telephone number			2	2	2	4	2			22-Mar-2004
Tangler Town	VA0067423	MAR	2004	001			No signature/date/phone, no phone number			2	2	2	6	2			22-Apr-2004
Tangler Town	VA0067423	APR	2004	001			No signature/date/phone			2	2	2	8	2			25-May-2004
Tangler Town	VA0067423	MAY	2004	001			complete reiss appl due 4/28/04--partial submittal rcvd 4/26/04; add. info requested 5/5/04			10	10	10	28	10	W2004-05-T-1007		08-Jun-2004
Tangler Town	VA0067423	JUN	2004	001			No signature/date/phone, NO PHONE NUMBER			2	2	2	20	2			23-Jul-2004
Tangler Town	VA0067423	AUG	2004	001			No signature/date/phone, no phone number			2	2	2	18	2			23-Sep-2004
Tangler Town	VA0067423	SEP	2004	001			NO PHONE NUMBER; SIGNATURE DATE; MONITORING PERIOD SHOWN AS 9/1/04-8/30/04			2	2	2	18	2			22-Oct-2004
Tangler Town	VA0067423	OCT	2004	001			No signature/date/phone			2	2	2	18	2			23-Nov-2004
Tangler Town	VA0067423	NOV	2004	001			DMR due 12/10/2004 missing DMR.			10	10	5	7	7	W2005-05-T-1010	dmr rcvd 12/20/04	22-Dec-2004
Tangler Town	VA0067423	NOV	2004	001			Improper - all units not documented on DMR			2	2	2	7	7	W2005-05-T-1010	CORRECTED DMRS RCVD 6/2/05	21-Jan-2005
Tangler Town	VA0067423	DEC	2004	001			DMR due 01/10/2005 missing DMR.			10	10	10	17	10	W2005-05-T-1010	DO VALUE MISSING ON DMR FINALLY RCVD; DO VALUE RCVD 8/6/05	21-Jan-2005
Tangler Town	VA0067423	JAN	2005	001			Incomplete DMR (less than 25% data missing)			10	10	10	27	20	W2005-05-T-1010	JAN DMR RCVD 3/7/05; AMENDED DMR RCVD 6/2/05	23-Feb-2005
Tangler Town	VA0067423	JAN	2005	001	005	CL2 TOTAL	CONCAVG-- UNREPORTED PARAMETER	0.013	X	0	0	0	27	20		JAN DMR RCVD 3/7/05; AMENDED DMR RCVD 6/2/05	25-Feb-2005
Tangler Town	VA0067423	JAN	2005	001	012	PHOSPHORUS TOTAL	CONCAVG-- UNREPORTED PARAMETER	1000000	X	0	0	0	27	20		JAN DMR RCVD 3/7/05; AMENDED DMR RCVD 6/2/05	25-Feb-2005
Tangler Town	VA0067423	JAN	2005	001	013	NITROGEN TOTAL	CONCAVG-- UNREPORTED PARAMETER	1000000	X	0	0	0	27	20		JAN DMR RCVD 3/7/05; AMENDED DMR RCVD 6/2/05	25-Feb-2005
Tangler Town	VA0067423	JAN	2005	001	068	TKN (N-KJEL)	CONCAVG-- UNREPORTED PARAMETER	1000000	X	0	0	0	27	20		JAN DMR RCVD 3/7/05; AMENDED DMR RCVD 6/2/05	25-Feb-2005
Tangler Town	VA0067423	JAN	2005	001	369	NITRITE-NITRATE	CONCAVG-- UNREPORTED PARAMETER	1000000	X	0	0	0	27	20		JAN DMR RCVD 3/7/05; AMENDED DMR RCVD 6/2/05	25-Feb-2005
Tangler Town	VA0067423	JAN	2005	001	795	ORTHOPHOSPHATE	CONCAVG-- UNREPORTED PARAMETER	1000000	X	0	0	0	27	20		JAN DMR RCVD 3/7/05; AMENDED DMR RCVD 6/2/05	25-Feb-2005
Tangler Town	VA0067423	JAN	2005	001	805	CL2 TOTAL	CONCAVG-- UNREPORTED PARAMETER	0.016	X	0	0	0	27	20		JAN DMR RCVD 3/7/05; AMENDED DMR RCVD 6/2/05	25-Feb-2005
Tangler Town	VA0067423	JAN	2005	001	213	CL2 INST TECH MI	CONCAVG-- UNREPORTED PARAMETER	0.60	X	0	0	0	27	20		JAN DMR RCVD 3/7/05; AMENDED DMR RCVD 6/2/05	25-Feb-2005

Facility Name	Permit No	Month	Year	Duffel N Param No	Param Name	Item	Requirement	Reported	Raw Points	SUM	Final Points	SUB	Months	Pts	SUM	Raw Pts	W/NOV	Comments	due dtmnd
Tangler Town	VA0067423	JAN	2005	001	157	CL2, TOTAL CONTAMINANT	CONC/MIN-UNREPORTED 1.5	X			0				2.7	2.0		JAN DMR RCVD 3/7/05 SAMPLED FOR FC, CL2 NOT NEEDED	25-Feb-2005
Tangler Town	VA0067423	JAN	2005	001		Compliance schedule: VERIFY EXISTING OR SUBMIT NEW O&M MANUAL	01/26/2005				1.0				2.7	2.0	W2005-05-T-1010		25-Feb-2005
Tangler Town	VA0067423	FEB	2005	001		Compliance schedule: VERIFY EXISTING OR SUBMIT NEW O&M MANUAL	01/26/2005				1.0				3.7	2.0	W2005-05-T-1010		25-Mar-2005
Tangler Town	VA0067423	FEB	2005	001		Compliance schedule: SCHEDULE OF COMPLIANCE - SUBMIT PLANS [for Achievement of Compliance]	02/10/2005				1.0				3.7	2.0	W2005-05-T-1010		25-Mar-2005
Tangler Town	VA0067423	MAR	2005	001	007	DO CONC/MIN-UNREPORTED 4.0	CONC/MIN-UNREPORTED 4.0	X			0				5.7	3.0		DO VALUE RCVD 8/8/05	27-Apr-2005
Tangler Town	VA0067423	MAR	2005	001		Compliance schedule: VERIFY EXISTING OR SUBMIT NEW O&M MANUAL	01/26/2005				2.0				5.7	3.0	W2005-05-T-1010		27-Apr-2005
Tangler Town	VA0067423	MAR	2005	001		Compliance schedule: SCHEDULE OF COMPLIANCE - SUBMIT PLANS [for Achievement of Compliance]	02/10/2005				1.0				5.7	3.0	W2005-05-T-1010		27-Apr-2005
Tangler Town	VA0067423	APR	2005	001		Compliance schedule: VERIFY EXISTING OR SUBMIT NEW O&M MANUAL	01/26/2005	05/11/2005			2.0				7.7	5.0	W2005-05-T-1010		25-May-2005
Tangler Town	VA0067423	APR	2005	001		Compliance schedule: QTR 1 - SUBMIT QUARTERLY PROGRESS REPORT	04/10/2005	05/11/2005			1.0				7.7	5.0	W2005-07-T-1011		25-May-2005
Tangler Town	VA0067423	APR	2005	001		Compliance schedule: SCHEDULE OF COMPLIANCE - SUBMIT PLANS [for Achievement of Compliance]	02/10/2005				2.0				7.7	5.0	W2005-05-T-1010		25-May-2005
Tangler Town	VA0067423	MAY	2005	001		Compliance schedule: SCHEDULE OF COMPLIANCE - SUBMIT PLANS [for Achievement of Compliance]	02/10/2005				2.0				9.0	2.0	W2005-07-T-1011		23-Jun-2005
Tangler Town	VA0067423	JUN	2005	001		no signature, no date, no telephone.	02/10/2005				2				10.0	2.2			26-Jul-2005
Tangler Town	VA0067423	JUN	2005	001		Compliance schedule: SCHEDULE OF COMPLIANCE - SUBMIT PLANS [for Achievement of Compliance]	02/10/2005				2.0				10.0	2.2	W2005-07-T-1011		26-Jul-2005
Tangler Town	VA0067423	JUL	2005	001		Compliance schedule: QTR 2 - SUBMIT QUARTERLY PROGRESS REPORT	07/10/2005				1.0				11.0	3.0			26-Aug-2005
Tangler Town	VA0067423	JUL	2005	001		Compliance schedule: SCHEDULE OF COMPLIANCE - SUBMIT PLANS [for Achievement of Compliance]	02/10/2005	08/05/2005			2.0				11.0	3.0	W2005-07-T-1011	RCVD 8/5/05	26-Aug-2005
Tangler Town	VA0067423	AUG	2005	001		Compliance schedule: QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	07/10/2005				1.0				11.0	1.0		UNDER REVIEW BY TRO STAFF	29-Sep-2005

Facility Name	Permit No	Month	Year	Buffal N Param No	Param Name	Item	Requirement	Reported	Raw Points SUM	Final Points SUM	Months Pts SUM	Raw Pts SUM	W/L/NOV	Comments	due dttmnd
Tangler Town	VA0067423	SEP	2005	001		Compliance schedule: 2ND QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	07/10/2005		2.0	2.0	11.0	2.0		UNDER REVIEW BY TRO STAFF	25-Oct-2005
Tangler Town	VA0067423	OCT	2005	001	795	ORTHOPHOSPHATE UNREPORTED PARAMETER	10/00/00	X	.0	.0	11.0	5.0			28-Nov-2005
Tangler Town	VA0067423	OCT	2005	001		Compliance schedule: 2ND QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	07/10/2005		2.0	2.0	11.0	5.0		UNDER REVIEW BY TRO STAFF	28-Nov-2005
Tangler Town	VA0067423	OCT	2005	001		Compliance schedule: 3RD QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	10/10/2005		1.0	1.0	11.0	5.0		UNDER REVIEW BY TRO STAFF	28-Nov-2005
Tangler Town	VA0067423	OCT	2005	001		Compliance schedule: Basis of Design	10/26/2005		1.0	1.0	11.0	5.0		UNDER REVIEW BY TRO STAFF	28-Nov-2005
Tangler Town	VA0067423	OCT	2005	001		Compliance schedule: Interim Optimization Plan for Nutrient Removal	10/26/2005		1.0	1.0	11.0	5.0		UNDER REVIEW BY TRO STAFF	28-Nov-2005
Tangler Town	VA0067423	NOV	2005	001		No signature/date/phone			.2	.2	11.0	5.2		UNDER REVIEW BY TRO STAFF	21-Dec-2005
Tangler Town	VA0067423	NOV	2005	001		Compliance schedule: 2ND QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	07/10/2005		2.0	2.0	11.0	5.2		UNDER REVIEW BY TRO STAFF	21-Dec-2005
Tangler Town	VA0067423	NOV	2005	001		Compliance schedule: 3RD QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	10/10/2005		1.0	1.0	11.0	5.2		UNDER REVIEW BY TRO STAFF	21-Dec-2005
Tangler Town	VA0067423	NOV	2005	001		Compliance schedule: Basis of Design	10/26/2005		1.0	1.0	11.0	5.2		UNDER REVIEW BY TRO STAFF	21-Dec-2005
Tangler Town	VA0067423	NOV	2005	001		Compliance schedule: Interim Optimization Plan for Nutrient Removal	10/26/2005		1.0	1.0	11.0	5.2		UNDER REVIEW BY TRO STAFF	21-Dec-2005
Tangler Town	VA0067423	DEC	2005	001		no telephone number; new signatory name on DMR - checking delegation of authority			.2	.2	11.0	8.2		UNDER REVIEW BY TRO STAFF	25-Jan-2006
Tangler Town	VA0067423	DEC	2005	001		Compliance schedule: 2ND QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	07/10/2005		2.0	2.0	11.0	8.2		UNDER REVIEW BY TRO STAFF	25-Jan-2006
Tangler Town	VA0067423	DEC	2005	001		Compliance schedule: 3RD QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	10/10/2005		2.0	2.0	11.0	8.2		UNDER REVIEW BY TRO STAFF	25-Jan-2006
Tangler Town	VA0067423	DEC	2005	001		Compliance schedule: Basis of Design	10/26/2005		2.0	2.0	11.0	8.2		UNDER REVIEW BY TRO STAFF	25-Jan-2006
Tangler Town	VA0067423	DEC	2005	001		Compliance schedule: Interim Optimization Plan for Nutrient Removal	10/26/2005		2.0	2.0	11.0	8.2		UNDER REVIEW BY TRO STAFF	25-Jan-2006
Tangler Town	VA0067423	JAN	2006	001		Compliance schedule: 2ND QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	07/10/2005		2.0	2.0	11.0	9.0		UNDER REVIEW BY TRO STAFF	27-Feb-2006
Tangler Town	VA0067423	JAN	2006	001		Compliance schedule: 3RD QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	10/10/2005		2.0	2.0	11.0	9.0		UNDER REVIEW BY TRO STAFF	27-Feb-2006
Tangler Town	VA0067423	JAN	2006	001		Compliance schedule: 4TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	01/10/2006		1.0	1.0	11.0	9.0		UNDER REVIEW BY TRO STAFF	27-Feb-2006
Tangler Town	VA0067423	JAN	2006	001		Compliance schedule: Basis of Design	10/26/2005		2.0	2.0	11.0	9.0		UNDER REVIEW BY TRO STAFF	27-Feb-2006

Facility Name	Permit No	Month	Year	Duffell N Param No	Param Name	Item	Requirement	Reported	Raw Points	Subtotal Points	Months Pts	Raw Pts	SUM	WJNOV	Comments	due dtimnd
Tangler Town	VA0067423	JAN	2006	001		Compliance schedule: 2ND Interim Optimization Plan for Nutrient Removal	10/26/2005		2.0	2.0	11.0	9.0			UNDER REVIEW BY TRO STAFF	27-Feb-2006
Tangler Town	VA0067423	FEB	2006	001		Compliance schedule: 2ND QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	07/10/2005		2.0	2.0	12.0	9.0			UNDER REVIEW BY TRO STAFF	27-Mar-2006
Tangler Town	VA0067423	FEB	2006	001		Compliance schedule: 3RD QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	10/10/2005		2.0	2.0	12.0	9.0			UNDER REVIEW BY TRO STAFF	27-Mar-2006
Tangler Town	VA0067423	FEB	2006	001		Compliance schedule: 4TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	01/10/2006		1.0	1.0	12.0	9.0			UNDER REVIEW BY TRO STAFF	27-Mar-2006
Tangler Town	VA0067423	FEB	2006	001		Compliance schedule: Basis of Design	10/26/2005		2.0	2.0	12.0	9.0			UNDER REVIEW BY TRO STAFF	27-Mar-2006
Tangler Town	VA0067423	FEB	2006	001		Compliance schedule: Interim Optimization Plan for Nutrient Removal	10/26/2005		2.0	2.0	12.0	9.0			UNDER REVIEW BY TRO STAFF	27-Mar-2006
Tangler Town	VA0067423	MAR	2006	001		NO TELEPHONE NUMBER			2.0	2.0	12.0	10.2			UNDER REVIEW BY TRO STAFF	27-Apr-2006
Tangler Town	VA0067423	MAR	2006	001		Compliance schedule: 2ND QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	07/10/2005		2.0	2.0	12.0	10.2			UNDER REVIEW BY TRO STAFF	27-Apr-2006
Tangler Town	VA0067423	MAR	2006	001		Compliance schedule: 3RD QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	10/10/2005		2.0	2.0	12.0	10.2			UNDER REVIEW BY TRO STAFF	27-Apr-2006
Tangler Town	VA0067423	MAR	2006	001		Compliance schedule: 4TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	01/10/2006		2.0	2.0	12.0	10.2			UNDER REVIEW BY TRO STAFF	27-Apr-2006
Tangler Town	VA0067423	MAR	2006	001		Compliance schedule: Basis of Design	10/26/2005		2.0	2.0	12.0	10.2			UNDER REVIEW BY TRO STAFF	27-Apr-2006
Tangler Town	VA0067423	MAR	2006	001		Compliance schedule: Interim Optimization Plan for Nutrient Removal	10/26/2005		2.0	2.0	12.0	10.2			UNDER REVIEW BY TRO STAFF	27-Apr-2006
Tangler Town	VA0067423	APR	2006	001		No signature/date/phone NO TELEPHONE NUMBER			2.0	2.0	12.0	11.2			UNDER REVIEW BY TRO STAFF	24-May-2006
Tangler Town	VA0067423	APR	2006	001		Compliance schedule: 2ND QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	07/10/2005		2.0	2.0	12.0	11.2			UNDER REVIEW BY TRO STAFF	24-May-2006
Tangler Town	VA0067423	APR	2006	001		Compliance schedule: 3RD QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	10/10/2005		2.0	2.0	12.0	11.2			UNDER REVIEW BY TRO STAFF	24-May-2006
Tangler Town	VA0067423	APR	2006	001		Compliance schedule: 4TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	01/10/2006		2.0	2.0	12.0	11.2			UNDER REVIEW BY TRO STAFF	24-May-2006
Tangler Town	VA0067423	APR	2006	001		Compliance schedule: 5TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	04/10/2006		1.0	1.0	12.0	11.2			UNDER REVIEW BY TRO STAFF	24-May-2006
Tangler Town	VA0067423	APR	2006	001		Compliance schedule: Basis of Design	10/26/2005		2.0	2.0	12.0	11.2			UNDER REVIEW BY TRO STAFF	24-May-2006
Tangler Town	VA0067423	APR	2006	001		Compliance schedule: Interim Optimization Plan for Nutrient Removal	10/26/2005		2.0	2.0	12.0	11.2			UNDER REVIEW BY TRO STAFF	24-May-2006
Tangler Town	VA0067423	MAY	2006	001		incomplete DMR (less than 25% data missing)			1.0	1.0	12.0	12.0			UNDER REVIEW BY TRO STAFF	26-Jun-2006
Tangler Town	VA0067423	MAY	2006	001	DO	CONCERN-UNREPORTED 4.0 PARAMETER	4.0	X	0.0	0.0	12.0	12.0			UNDER REVIEW BY TRO STAFF	26-Jun-2006

Facility Name	Permit No	Month	Year	Duffel NParam No	Param Name	Item	Requirement	Reported	Raw Points	SUM Final Points	SUB Months	Pts SUN	Raw Pts	SUM	WUNOV	Comments	due dtmnd
Tangler Town	VA0067423	MAY	2006	001		Compliance schedule: 2ND QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	07/10/2005		2.0	2.0	2.0	12.0	12.0	12.0		UNDER REVIEW BY TRO STAFF	28-Jun-2006
Tangler Town	VA0067423	MAY	2006	001		Compliance schedule: 3RD QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	10/10/2005		2.0	2.0	2.0	12.0	12.0	12.0		UNDER REVIEW BY TRO STAFF	28-Jun-2006
Tangler Town	VA0067423	MAY	2006	001		Compliance schedule: 4TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	01/10/2006		2.0	2.0	2.0	12.0	12.0	12.0		UNDER REVIEW BY TRO STAFF	28-Jun-2006
Tangler Town	VA0067423	MAY	2006	001		Compliance schedule: 5TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	04/10/2006		1.0	1.0	1.0	12.0	12.0	12.0		UNDER REVIEW BY TRO STAFF	28-Jun-2006
Tangler Town	VA0067423	MAY	2006	001		Compliance schedule: Basis of Design	10/26/2005		2.0	2.0	2.0	12.0	12.0	12.0		UNDER REVIEW BY TRO STAFF	28-Jun-2006
Tangler Town	VA0067423	MAY	2006	001		Compliance schedule: Interim Optimization Plan for Nutrient Removal	10/28/2005		2.0	2.0	2.0	12.0	12.0	12.0		UNDER REVIEW BY TRO STAFF	28-Jun-2006
Tangler Town	VA0067423	JUN	2006	001		Compliance schedule: 2ND QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	07/10/2005		2.0	2.0	2.0	12.0	12.0	12.0		UNDER REVIEW BY TRO STAFF	25-Jul-2006
Tangler Town	VA0067423	JUN	2006	001		Compliance schedule: 3RD QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	10/10/2005		2.0	2.0	2.0	12.0	12.0	12.0		UNDER REVIEW BY TRO STAFF	25-Jul-2006
Tangler Town	VA0067423	JUN	2006	001		Compliance schedule: 4TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	01/10/2006		2.0	2.0	2.0	12.0	12.0	12.0		UNDER REVIEW BY TRO STAFF	25-Jul-2006
Tangler Town	VA0067423	JUN	2006	001		Compliance schedule: 5TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	04/10/2006		2.0	2.0	2.0	12.0	12.0	12.0		UNDER REVIEW BY TRO STAFF	25-Jul-2006
Tangler Town	VA0067423	JUN	2006	001		Compliance schedule: Basis of Design	10/26/2005		2.0	2.0	2.0	12.0	12.0	12.0		UNDER REVIEW BY TRO STAFF	25-Jul-2006
Tangler Town	VA0067423	JUN	2006	001		Compliance schedule: Interim Optimization Plan for Nutrient Removal	10/26/2005		2.0	2.0	2.0	12.0	12.0	12.0		UNDER REVIEW BY TRO STAFF	25-Jul-2006
Tangler Town	VA0067423	JUL	2006	001	PH	CONC/MIN	6.0	2	.5	.5	2.0	12.0	11.5	11.5		UNDER REVIEW BY TRO STAFF	25-Aug-2006
Tangler Town	VA0067423	JUL	2006	001		Compliance schedule: 3RD QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	10/10/2005		2.0	2.0	2.0	12.0	12.0	11.5		UNDER REVIEW BY TRO STAFF	25-Aug-2006
Tangler Town	VA0067423	JUL	2006	001		Compliance schedule: 4TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	01/10/2006		2.0	2.0	2.0	12.0	12.0	11.5		UNDER REVIEW BY TRO STAFF	25-Aug-2006
Tangler Town	VA0067423	JUL	2006	001		Compliance schedule: 5TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	04/10/2006		2.0	2.0	2.0	12.0	12.0	11.5		UNDER REVIEW BY TRO STAFF	25-Aug-2006
Tangler Town	VA0067423	JUL	2006	001		Compliance schedule: 6TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	07/10/2006		1.0	1.0	1.0	12.0	12.0	11.5		UNDER REVIEW BY TRO STAFF	25-Aug-2006
Tangler Town	VA0067423	JUL	2006	001		Compliance schedule: Basis of Design	10/26/2005	08/08/2006	2.0	2.0	2.0	12.0	12.0	11.5		UNDER REVIEW BY TRO STAFF	25-Aug-2006
Tangler Town	VA0067423	JUL	2006	001		Compliance schedule: Interim Optimization Plan for Nutrient Removal	10/28/2005	08/08/2006	2.0	2.0	2.0	12.0	12.0	11.5		UNDER REVIEW BY TRO STAFF	25-Aug-2006

Facility Name	Permit No	Month	Year	Duffal N	Param No	Param Name	Item	Requirement	Reported	Raw Points	SUM Final	Points SUB	Months	Pts SUN	Raw Pts	SUM	WUNOV	Comments	due dtmnd
Tangler Town	VA0067423	AUG	2006	001			Compliance schedule: 3RD QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	10/10/2005			2.0	2.0		12.0	7.0			UNDER REVIEW BY TRO STAFF	25-Sep-2006
Tangler Town	VA0067423	AUG	2006	001			Compliance schedule: 4TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	01/10/2006			2.0	2.0		12.0	7.0			UNDER REVIEW BY TRO STAFF	25-Sep-2006
Tangler Town	VA0067423	AUG	2006	001			Compliance schedule: 5TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	04/10/2006			2.0	2.0		12.0	7.0			UNDER REVIEW BY TRO STAFF	25-Sep-2006
Tangler Town	VA0067423	AUG	2006	001			Compliance schedule: 6TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	07/10/2006			1.0	1.0		12.0	7.0			UNDER REVIEW BY TRO STAFF	25-Sep-2006
Tangler Town	VA0067423	SEP	2006	001			Compliance schedule: 3RD QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	10/10/2005			2.0	2.0		12.0	8.0			UNDER REVIEW BY TRO STAFF	27-Oct-2006
Tangler Town	VA0067423	SEP	2006	001			Compliance schedule: 4TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	01/10/2006			2.0	2.0		12.0	8.0			UNDER REVIEW BY TRO STAFF	27-Oct-2006
Tangler Town	VA0067423	SEP	2006	001			Compliance schedule: 5TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	04/10/2006			2.0	2.0		12.0	8.0			UNDER REVIEW BY TRO STAFF	27-Oct-2006
Tangler Town	VA0067423	SEP	2006	001			Compliance schedule: 6TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	07/10/2006			2.0	2.0		12.0	8.0			UNDER REVIEW BY TRO STAFF	27-Oct-2006
Tangler Town	VA0067423	OCT	2006	001			Compliance schedule: 4TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	01/10/2006			2.0	2.0		12.0	7.0			UNDER REVIEW BY TRO STAFF	27-Nov-2006
Tangler Town	VA0067423	OCT	2006	001			Compliance schedule: 5TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	04/10/2006			2.0	2.0		12.0	7.0			UNDER REVIEW BY TRO STAFF	27-Nov-2006
Tangler Town	VA0067423	OCT	2006	001			Compliance schedule: 6TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	07/10/2006			2.0	2.0		12.0	7.0			UNDER REVIEW BY TRO STAFF	27-Nov-2006
Tangler Town	VA0067423	OCT	2006	001			Compliance schedule: 7TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	10/10/2006			1.0	1.0		12.0	7.0			UNDER REVIEW BY TRO STAFF	27-Nov-2006
Tangler Town	VA0067423	NOV	2006	001	007	DO	CONCERN-UNREPORTED PARAMETER	4.0	X		0.0	0.0		12.0	7.0			UNDER REVIEW BY TRO STAFF	27-Dec-2006
Tangler Town	VA0067423	NOV	2006	001			Compliance schedule: 4TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	01/10/2006			2.0	2.0		12.0	7.0			UNDER REVIEW BY TRO STAFF	27-Dec-2006
Tangler Town	VA0067423	NOV	2006	001			Compliance schedule: 5TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	04/10/2006			2.0	2.0		12.0	7.0			UNDER REVIEW BY TRO STAFF	27-Dec-2006
Tangler Town	VA0067423	NOV	2006	001			Compliance schedule: 6TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	07/10/2006			2.0	2.0		12.0	7.0			UNDER REVIEW BY TRO STAFF	27-Dec-2006
Tangler Town	VA0067423	NOV	2006	001			Compliance schedule: 7TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	10/10/2006			1.0	1.0		12.0	7.0			UNDER REVIEW BY TRO STAFF	27-Dec-2006

Facility Name	Permit No	Month	Year	Dutail Param No	Param Name	Item	Requirement	Reported	Raw Points SUM	Final Points SUB	Months Pts SUM	Raw Pts SUM	W/L NOV	Comments	due dt/mnd
Tangler Town	VA0067423	DEC	2006	001		No phone number - DMR is missing requirements and two are inaccurate				.2	12.0	8.2		UNDER REVIEW BY TRO STAFF	25-Jan-2007
Tangler Town	VA0067423	DEC	2006	001		Compliance schedule: 4TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	01/10/2006		2.0	2.0	12.0	8.2		UNDER REVIEW BY TRO STAFF	25-Jan-2007
Tangler Town	VA0067423	DEC	2006	001		Compliance schedule: 5TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	04/10/2006		2.0	2.0	12.0	8.2		UNDER REVIEW BY TRO STAFF	25-Jan-2007
Tangler Town	VA0067423	DEC	2006	001		Compliance schedule: 6TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	07/10/2006		2.0	2.0	12.0	8.2		UNDER REVIEW BY TRO STAFF	25-Jan-2007
Tangler Town	VA0067423	DEC	2006	001		Compliance schedule: 7TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	10/10/2006		2.0	2.0	12.0	8.2		UNDER REVIEW BY TRO STAFF	25-Jan-2007
Tangler Town	VA0067423	JAN	2007	001		Compliance schedule: 5TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	04/10/2006		2.0	2.0	12.0	7.0		UNDER REVIEW BY TRO STAFF	26-Feb-2007
Tangler Town	VA0067423	JAN	2007	001		Compliance schedule: 6TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	07/10/2006		2.0	2.0	12.0	7.0		UNDER REVIEW BY TRO STAFF	26-Feb-2007
Tangler Town	VA0067423	JAN	2007	001		Compliance schedule: 7TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	10/10/2006		2.0	2.0	12.0	7.0		UNDER REVIEW BY TRO STAFF	26-Feb-2007
Tangler Town	VA0067423	JAN	2007	001		Compliance schedule: 8TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	01/10/2007		1.0	1.0	12.0	7.0		UNDER REVIEW BY TRO STAFF	26-Feb-2007
Tangler Town	VA0067423	FEB	2007	001		Compliance schedule: 5TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	04/10/2006		2.0	2.0	12.0	7.0		UNDER REVIEW BY TRO STAFF	27-Mar-2007
Tangler Town	VA0067423	FEB	2007	001		Compliance schedule: 6TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	07/10/2006		2.0	2.0	12.0	7.0		UNDER REVIEW BY TRO STAFF	27-Mar-2007
Tangler Town	VA0067423	FEB	2007	001		Compliance schedule: 7TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	10/10/2006		2.0	2.0	12.0	7.0		UNDER REVIEW BY TRO STAFF	27-Mar-2007
Tangler Town	VA0067423	FEB	2007	001		Compliance schedule: 8TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	01/10/2007		1.0	1.0	12.0	7.0		UNDER REVIEW BY TRO STAFF	27-Mar-2007
Tangler Town	VA0067423	MAR	2007	001		Compliance schedule: 5TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	04/10/2006		2.0	2.0	12.0	8.0		UNDER REVIEW BY TRO STAFF	26-Apr-2007
Tangler Town	VA0067423	MAR	2007	001		Compliance schedule: 6TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	07/10/2006		2.0	2.0	12.0	8.0		UNDER REVIEW BY TRO STAFF	26-Apr-2007
Tangler Town	VA0067423	MAR	2007	001		Compliance schedule: 7TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	10/10/2006		2.0	2.0	12.0	8.0		UNDER REVIEW BY TRO STAFF	26-Apr-2007
Tangler Town	VA0067423	MAR	2007	001		Compliance schedule: 8TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	01/10/2007		2.0	2.0	12.0	8.0		UNDER REVIEW BY TRO STAFF	26-Apr-2007

Facility Name	Permit No	Month	Year	Suball Param No	Param Name	Item	Requirement	Reported	Raw Points SUM	Final Points SUB	Months Pts SUM	Raw Pts SUM	W/L/NOV	Comments	due dt/mnd
Tangler Town	VA0067423	APR	2007	001		Compliance schedule: 6TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	07/10/2006		2.0	2.0	12.0	7.0		UNDER REVIEW BY TRO STAFF	24-May-2007
Tangler Town	VA0067423	APR	2007	001		Compliance schedule: 7TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	10/10/2006		2.0	2.0	12.0	7.0		UNDER REVIEW BY TRO STAFF	24-May-2007
Tangler Town	VA0067423	APR	2007	001		Compliance schedule: 8TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	01/10/2007		2.0	2.0	12.0	7.0		UNDER REVIEW BY TRO STAFF	24-May-2007
Tangler Town	VA0067423	APR	2007	001		Compliance schedule: 6TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	04/10/2007		1.0	1.0	12.0	7.0		UNDER REVIEW BY TRO STAFF	24-May-2007
Tangler Town	VA0067423	MAY	2007	001		Compliance schedule: 6TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	07/10/2006		2.0	2.0	12.0	7.0		UNDER REVIEW BY TRO STAFF	25-Jun-2007
Tangler Town	VA0067423	MAY	2007	001		Compliance schedule: 7TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	10/10/2006		2.0	2.0	12.0	7.0		UNDER REVIEW BY TRO STAFF	25-Jun-2007
Tangler Town	VA0067423	MAY	2007	001		Compliance schedule: 8TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	01/10/2007		2.0	2.0	12.0	7.0		UNDER REVIEW BY TRO STAFF	25-Jun-2007
Tangler Town	VA0067423	MAY	2007	001		Compliance schedule: 8TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	04/10/2007		1.0	1.0	12.0	7.0		UNDER REVIEW BY TRO STAFF	25-Jun-2007
Tangler Town	VA0067423	JUN	2007	001		Compliance schedule: 6TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	07/10/2006		2.0	2.0	12.0	8.0		UNDER REVIEW BY TRO STAFF	25-Jul-2007
Tangler Town	VA0067423	JUN	2007	001		Compliance schedule: 7TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	10/10/2006		2.0	2.0	12.0	8.0		UNDER REVIEW BY TRO STAFF	25-Jul-2007
Tangler Town	VA0067423	JUN	2007	001		Compliance schedule: 8TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	01/10/2007		2.0	2.0	12.0	8.0		UNDER REVIEW BY TRO STAFF	25-Jul-2007
Tangler Town	VA0067423	JUN	2007	001		Compliance schedule: 8TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	04/10/2007		2.0	2.0	12.0	8.0		UNDER REVIEW BY TRO STAFF	25-Jul-2007
Tangler Town	VA0067423	JUL	2007	001		Incomplete DMR (less than 25% data missing)			1.0	1.0	12.0	8.0		UNDER REVIEW BY TRO STAFF	27-Aug-2007
Tangler Town	VA0067423	JUL	2007	001	DO	CONCERN-UNREPORTED PARAMETER	4.0	X	.0	.0	12.0	8.0		UNDER REVIEW BY TRO STAFF	27-Aug-2007
Tangler Town	VA0067423	JUL	2007	001		Compliance schedule: 10TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	07/10/2007		1.0	1.0	12.0	8.0		UNDER REVIEW BY TRO STAFF	27-Aug-2007
Tangler Town	VA0067423	JUL	2007	001		Compliance schedule: 7TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	10/10/2006		2.0	2.0	12.0	8.0		UNDER REVIEW BY TRO STAFF	27-Aug-2007
Tangler Town	VA0067423	JUL	2007	001		Compliance schedule: 8TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	01/10/2007		2.0	2.0	12.0	8.0		UNDER REVIEW BY TRO STAFF	27-Aug-2007
Tangler Town	VA0067423	JUL	2007	001		Compliance schedule: 8TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	04/10/2007		2.0	2.0	12.0	8.0		UNDER REVIEW BY TRO STAFF	27-Aug-2007

Facility Name	Permit No	Month	Year	Duffel N Param No	Param Name	Item	Requirement	Reported	Raw Points SUM	Final Points SUB	Months Pts SUM	Raw Pts SUM	W/L NOV	Comments	due dtrmd
Tangler Town	VA0067423	AUG	2007	001		using outdated DMR form - includes nutrients which are now on the GP VAN# DMR.				.2	12.0	8.2		UNDER REVIEW BY TRO STAFF	25-Sep-2007
Tangler Town	VA0067423	AUG	2007	001	006	COLIFORM, FECAL	200	401		1.0	12.0	8.2		UNDER REVIEW BY TRO STAFF	25-Sep-2007
Tangler Town	VA0067423	AUG	2007	001		Compliance schedule: 10TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	07/10/2007			1.0	12.0	8.2		UNDER REVIEW BY TRO STAFF	25-Sep-2007
Tangler Town	VA0067423	AUG	2007	001		Compliance schedule: 7TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	10/10/2006			2.0	12.0	8.2		UNDER REVIEW BY TRO STAFF	25-Sep-2007
Tangler Town	VA0067423	AUG	2007	001		Compliance schedule: 8TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	01/10/2007			2.0	12.0	8.2		UNDER REVIEW BY TRO STAFF	25-Sep-2007
Tangler Town	VA0067423	AUG	2007	001		Compliance schedule: 8TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	04/10/2007			2.0	12.0	8.2		UNDER REVIEW BY TRO STAFF	25-Sep-2007
Tangler Town	VA0067423	SEP	2007	001	001	FLOW	0.10	.112			12.0	8.0		Rpt/Lim: Mth2: 129419/0.10 Mth1: 119217/0.10	24-Oct-2007
Tangler Town	VA0067423	SEP	2007	001		Compliance schedule: 10TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	07/10/2007			2.0	12.0	8.0		UNDER REVIEW BY TRO STAFF	24-Oct-2007
Tangler Town	VA0067423	SEP	2007	001		Compliance schedule: 7TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	10/10/2006			2.0	12.0	8.0		UNDER REVIEW BY TRO STAFF	24-Oct-2007
Tangler Town	VA0067423	SEP	2007	001		Compliance schedule: 8TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	01/10/2007			2.0	12.0	8.0		UNDER REVIEW BY TRO STAFF	24-Oct-2007
Tangler Town	VA0067423	SEP	2007	001		Compliance schedule: 8TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	04/10/2007			2.0	12.0	8.0		UNDER REVIEW BY TRO STAFF	24-Oct-2007
Tangler Town	VA0067423	OCT	2007	001	001	FLOW	0.10	.124			12.0	7.0		95% flow ltr sent; Rpt/Lim: Mth2: 1120/0.10 Mth1: 129419/0.10	27-Nov-2007
Tangler Town	VA0067423	OCT	2007	001		Compliance schedule: 10TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	07/10/2007			2.0	12.0	7.0		UNDER REVIEW BY TRO STAFF UNDER REVIEW BY TRO STAFF	27-Nov-2007
Tangler Town	VA0067423	OCT	2007	001		Compliance schedule: 11TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	10/10/2007			1.0	12.0	7.0		UNDER REVIEW BY TRO STAFF	27-Nov-2007
Tangler Town	VA0067423	OCT	2007	001		Compliance schedule: 8TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	01/10/2007			2.0	12.0	7.0		UNDER REVIEW BY TRO STAFF	27-Nov-2007
Tangler Town	VA0067423	OCT	2007	001		Compliance schedule: 8TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	04/10/2007			2.0	12.0	7.0		UNDER REVIEW BY TRO STAFF	27-Nov-2007
Tangler Town	VA0067423	NOV	2007	001	001	FLOW	0.10	.113			12.0	7.0		Rpt/Lim: Mth2: 1240/0.10 Mth1: 1120/0.10	20-Dec-2007

Facility Name	Permit No	Month	Year	Duffell NParam No	Param Name	Item	Requirement	Reported	Raw Points SUM	Final Points SUB	Months Pts SUM	Raw Pts SUM	WJNOV	Comments	due dt/mnd
Tangler Town	VA0067423	NOV	2007	001		Compliance schedule: 10TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	07/10/2007		2.0	2.0	12.0	7.0		UNDER REVIEW BY TRO STAFF	20-Dec-2007
Tangler Town	VA0067423	NOV	2007	001		Compliance schedule: 11TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	10/10/2007		1.0	1.0	12.0	7.0		UNDER REVIEW BY TRO STAFF	20-Dec-2007
Tangler Town	VA0067423	NOV	2007	001		Compliance schedule: 8TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	01/10/2007		2.0	2.0	12.0	7.0		UNDER REVIEW BY TRO STAFF	20-Dec-2007
Tangler Town	VA0067423	NOV	2007	001		Compliance schedule: 8TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	04/10/2007		2.0	2.0	12.0	7.0		UNDER REVIEW BY TRO STAFF	20-Dec-2007
Tangler Town	VA0067423	DEC	2007	001	FLOW	Reported value is >= 95% of the design capacity for the 3rd consecutive month	0.10	0.109			12.0	8.0		RepLim: Min2: .1130.10 Min1: .1240.10	24-Jan-2008
Tangler Town	VA0067423	DEC	2007	001		Compliance schedule: 10TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	07/10/2007		2.0	2.0	12.0	8.0		UNDER REVIEW BY TRO STAFF	24-Jan-2008
Tangler Town	VA0067423	DEC	2007	001		Compliance schedule: 11TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	10/10/2007		2.0	2.0	12.0	8.0		UNDER REVIEW BY TRO STAFF	24-Jan-2008
Tangler Town	VA0067423	DEC	2007	001		Compliance schedule: 8TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	01/10/2007		2.0	2.0	12.0	8.0		UNDER REVIEW BY TRO STAFF	24-Jan-2008
Tangler Town	VA0067423	DEC	2007	001		Compliance schedule: 8TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	04/10/2007		2.0	2.0	12.0	8.0		UNDER REVIEW BY TRO STAFF	24-Jan-2008
Tangler Town	VA0067423	JAN	2008	001	FLOW	Reported value is >= 95% of the design capacity for the 3rd consecutive month	0.10	.102			12.0	7.0		RepLim: Min2: 0.1090.10 Min1: .1130.10	25-Feb-2008
Tangler Town	VA0067423	JAN	2008	001		Compliance schedule: 10TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	07/10/2007		2.0	2.0	12.0	7.0		CURRENTLY UNDER STAFF REVIEW	25-Feb-2008
Tangler Town	VA0067423	JAN	2008	001		Compliance schedule: 11TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	10/10/2007		2.0	2.0	12.0	7.0		CURRENTLY UNDER STAFF REVIEW	25-Feb-2008
Tangler Town	VA0067423	JAN	2008	001		Compliance schedule: 12TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	01/10/2008		1.0	1.0	12.0	7.0		CURRENTLY UNDER STAFF REVIEW	25-Feb-2008
Tangler Town	VA0067423	JAN	2008	001		Compliance schedule: 8TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	04/10/2007		2.0	2.0	12.0	7.0		CURRENTLY UNDER STAFF REVIEW	25-Feb-2008
Tangler Town	VA0067423	FEB	2008	001		Compliance schedule: 10TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	07/10/2007		2.0	2.0	12.0	7.0		UNDER STAFF REVIEW	26-Mar-2008
Tangler Town	VA0067423	FEB	2008	001		Compliance schedule: 11TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	10/10/2007		2.0	2.0	12.0	7.0		UNDER STAFF REVIEW	26-Mar-2008
Tangler Town	VA0067423	FEB	2008	001		Compliance schedule: 12TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	01/10/2008		1.0	1.0	12.0	7.0		UNDER STAFF REVIEW	26-Mar-2008

Facility Name	Permit No	Month	Year	Dutal NParam No	Param Name	Item	Requirement	Reported	Raw Points SUM	Final Points SUB	Months Pts SUM	Raw Pts SUM	W/L/NOV	Comments	due dtmnd
Tangler Town	VA0067423	FEB	2008	001		Compliance schedule: 8TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	04/10/2007		2.0	2.0	2.0	12.0	7.0	UNDER STAFF REVIEW	28-Mar-2008
Tangler Town	VA0067423	MAR	2008	001		Compliance schedule: 10TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	07/10/2007		2.0	2.0	2.0	12.0	8.0	CURRENTLY UNDER STAFF REVIEW	24-Apr-2008
Tangler Town	VA0067423	MAR	2008	001		Compliance schedule: 11TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	10/10/2007		2.0	2.0	2.0	12.0	8.0	CURRENTLY UNDER STAFF REVIEW	24-Apr-2008
Tangler Town	VA0067423	MAR	2008	001		Compliance schedule: 12TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	01/10/2008		2.0	2.0	2.0	12.0	8.0	CURRENTLY UNDER STAFF REVIEW	24-Apr-2008
Tangler Town	VA0067423	MAR	2008	001		Compliance schedule: 8TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	04/10/2007		2.0	2.0	2.0	12.0	8.0	CURRENTLY UNDER STAFF REVIEW	24-Apr-2008
Tangler Town	VA0067423	APR	2008	001		Compliance schedule: 10TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	07/10/2007		2.0	2.0	2.0	12.0	7.0	CURRENTLY UNDER STAFF REVIEW	22-May-2008
Tangler Town	VA0067423	APR	2008	001		Compliance schedule: 11TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	10/10/2007		2.0	2.0	2.0	12.0	7.0	CURRENTLY UNDER STAFF REVIEW	22-May-2008
Tangler Town	VA0067423	APR	2008	001		Compliance schedule: 12TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	01/10/2008		2.0	2.0	2.0	12.0	7.0	CURRENTLY UNDER STAFF REVIEW	22-May-2008
Tangler Town	VA0067423	APR	2008	001		Compliance schedule: 13TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	04/10/2008		1.0	1.0	1.0	12.0	7.0	CURRENTLY UNDER STAFF REVIEW	22-May-2008
Tangler Town	VA0067423	MAY	2008	001		Compliance schedule: 10TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	07/10/2007		2.0	2.0	2.0	12.0	7.0	CURRENTLY UNDER STAFF REVIEW	24-Jun-2008
Tangler Town	VA0067423	MAY	2008	001		Compliance schedule: 11TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	10/10/2007		2.0	2.0	2.0	12.0	7.0	CURRENTLY UNDER STAFF REVIEW	24-Jun-2008
Tangler Town	VA0067423	MAY	2008	001		Compliance schedule: 12TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	01/10/2008		2.0	2.0	2.0	12.0	7.0	CURRENTLY UNDER STAFF REVIEW	24-Jun-2008
Tangler Town	VA0067423	MAY	2008	001		Compliance schedule: 13TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	04/10/2008		1.0	1.0	1.0	12.0	7.0	CURRENTLY UNDER STAFF REVIEW	24-Jun-2008
Tangler Town	VA0067423	JUN	2008	001		Compliance schedule: 10TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	07/10/2007		2.0	2.0	2.0	12.0	8.0	CURRENTLY UNDER STAFF REVIEW	24-Jul-2008
Tangler Town	VA0067423	JUN	2008	001		Compliance schedule: 11TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	10/10/2007		2.0	2.0	2.0	12.0	8.0	CURRENTLY UNDER STAFF REVIEW	24-Jul-2008
Tangler Town	VA0067423	JUN	2008	001		Compliance schedule: 12TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	01/10/2008		2.0	2.0	2.0	12.0	8.0	CURRENTLY UNDER STAFF REVIEW	24-Jul-2008
Tangler Town	VA0067423	JUN	2008	001		Compliance schedule: 13TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	04/10/2008		2.0	2.0	2.0	12.0	8.0	CURRENTLY UNDER STAFF REVIEW	24-Jul-2008

Facility Name	Permit No	Month	Year	Duffal N Param No	Param Name	Item	Requirement	Reported	Raw Points SUM	Final Points SUB	Months Pts SUM	Raw Pts SUM	WUNOV	Comments	due dirind
Tangler Town	VA0067423	JUL	2008	001		Compliance schedule: 11TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	10/10/2007		2.0	2.0	12.0	7.0		CURRENTLY UNDER STAFF REVIEW	22-Aug-2008
Tangler Town	VA0067423	JUL	2008	001		Compliance schedule: 12TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	01/10/2008		2.0	2.0	12.0	7.0		CURRENTLY UNDER STAFF REVIEW	22-Aug-2008
Tangler Town	VA0067423	JUL	2008	001		Compliance schedule: 13TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	04/10/2008		2.0	2.0	12.0	7.0		CURRENTLY UNDER STAFF REVIEW	22-Aug-2008
Tangler Town	VA0067423	JUL	2008	001		Compliance schedule: 14TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	07/10/2008	08/12/2008	1.0	1.0	12.0	7.0		CURRENTLY UNDER STAFF REVIEW	22-Aug-2008
Tangler Town	VA0067423	AUG	2008	001		Compliance schedule: 11TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	10/10/2007		2.0	2.0	12.0	6.0		CURRENTLY UNDER STAFF REVIEW	24-Sep-2008
Tangler Town	VA0067423	AUG	2008	001		Compliance schedule: 12TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	01/10/2008		2.0	2.0	12.0	6.0		CURRENTLY UNDER STAFF REVIEW	24-Sep-2008
Tangler Town	VA0067423	AUG	2008	001		Compliance schedule: 13TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	04/10/2008		2.0	2.0	12.0	6.0		CURRENTLY UNDER STAFF REVIEW	24-Sep-2008
Tangler Town	VA0067423	SEP	2008	001		no phone number on pg 1 of 2 pgs			2	2	12.0	6.2		CURRENTLY UNDER STAFF REVIEW	27-Oct-2008
Tangler Town	VA0067423	SEP	2008	001		Compliance schedule: 11TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	10/10/2007		2.0	2.0	12.0	6.2		CURRENTLY UNDER STAFF REVIEW	27-Oct-2008
Tangler Town	VA0067423	SEP	2008	001		Compliance schedule: 12TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	01/10/2008		2.0	2.0	12.0	6.2		CURRENTLY UNDER STAFF REVIEW	27-Oct-2008
Tangler Town	VA0067423	SEP	2008	001		Compliance schedule: 13TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	04/10/2008		2.0	2.0	12.0	6.2		CURRENTLY UNDER STAFF REVIEW	27-Oct-2008
Tangler Town	VA0067423	OCT	2008	001	BOD5	CONC MAX	45	56	2	2	12.0	4.2		CURRENTLY UNDER STAFF REVIEW	21-Nov-2008
Tangler Town	VA0067423	OCT	2008	001		Compliance schedule: 12TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	01/10/2008		2.0	2.0	12.0	4.2		CURRENTLY UNDER STAFF REVIEW	21-Nov-2008
Tangler Town	VA0067423	OCT	2008	001		Compliance schedule: 13TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	04/10/2008		2.0	2.0	12.0	4.2		CURRENTLY UNDER STAFF REVIEW	21-Nov-2008
Tangler Town	VA0067423	NOV	2008	001		Compliance schedule: 12TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	01/10/2008		2.0	2.0	12.0	5.0		CURRENTLY UNDER STAFF REVIEW	22-Dec-2008
Tangler Town	VA0067423	NOV	2008	001		Compliance schedule: 13TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	04/10/2008		2.0	2.0	12.0	5.0		CURRENTLY UNDER STAFF REVIEW	22-Dec-2008
Tangler Town	VA0067423	NOV	2008	001		Compliance schedule: Achieve Compliance - final limits for enterococci	11/01/2008		1.0	1.0	12.0	5.0		CURRENTLY UNDER STAFF REVIEW	22-Dec-2008

Facility Name	Permit No	Month	Year	Battal N	Param No	Param Name	Item	Requirement	Reported	Raw Points SUM	Final Points SUM	Months	Pts	SUN	Raw Pts SUM	WUNOV	Comments	due dtmnd
Tangler Town	VA0067423	DEC	2009	001			Compliance schedule: 13TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	01/10/2008			2.0	2.0	12.0	6.0			CURRENTLY UNDER STAFF REVIEW	26-Jan-2009
Tangler Town	VA0067423	DEC	2008	001			Compliance schedule: 13TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	04/10/2008			2.0	2.0	12.0	6.0			CURRENTLY UNDER STAFF REVIEW	26-Jan-2009
Tangler Town	VA0067423	DEC	2008	001			Compliance schedule: Achieve Compliance - final limits for enterococci	11/01/2008			1.0	1.0	12.0	6.0			CURRENTLY UNDER STAFF REVIEW	26-Jan-2009
Tangler Town	VA0067423	DEC	2009	001	140	ENTEROCOCCI	Using older DMR - does not show prem #140 which has start date of 11/1/08 w/ 1st DMR due 12/10/08	12/10/08	1/12/08		1.0	1.0	12.0	6.0			corrected DMR reold 1/12/09	03-Feb-2009
Tangler Town	VA0067423	JAN	2009	001			Compliance schedule: 13TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	04/10/2008			2.0	2.0	12.0	4.0			CURRENTLY UNDER STAFF REVIEW	24-Feb-2009
Tangler Town	VA0067423	JAN	2009	001			Compliance schedule: Achieve Compliance - final limits for enterococci	11/01/2008			2.0	2.0	12.0	4.0			CURRENTLY UNDER STAFF REVIEW	24-Feb-2009
Tangler Town	VA0067423	FEB	2009	001			Compliance schedule: 13TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	04/10/2008			2.0	2.0	12.0	4.0			CURRENTLY UNDER STAFF REVIEW	23-Mar-2009
Tangler Town	VA0067423	FEB	2009	001			Compliance schedule: Achieve Compliance - final limits for enterococci	11/01/2008			2.0	2.0	12.0	4.0			CURRENTLY UNDER STAFF REVIEW	23-Mar-2009
Tangler Town	VA0067423	MAR	2009	001			Compliance schedule: 13TH QTR PROGRESS REPORT - SCHEDULE OF COMPLIANCE	04/10/2008			2.0	2.0	12.0	4.0			CURRENTLY UNDER STAFF REVIEW	23-Apr-2009
Tangler Town	VA0067423	MAR	2009	001			Compliance schedule: Achieve Compliance - final limits for enterococci	11/01/2008			2.0	2.0	12.0	4.0			CURRENTLY UNDER STAFF REVIEW	23-Apr-2009
Tangler Town	VA0067423	APR	2009	001			Compliance schedule: SUBMIT VPDES PERMIT APPLICATION BEFORE 180 DAYS PRIOR TO PERMIT EXPIRATION	04/25/2009			1.0	1.0	12.0	3.0	W2009-06-T-1008			27-May-2009
Tangler Town	VA0067423	APR	2009	001			Compliance schedule: Achieve Compliance - final limits for enterococci	11/01/2008			2.0	2.0	12.0	3.0				27-May-2009
Tangler Town	VA0067423	MAY	2009	001			Compliance schedule: SUBMIT VPDES PERMIT APPLICATION BEFORE 180 DAYS PRIOR TO PERMIT EXPIRATION	04/25/2009			1.0	1.0	12.0	3.0				23-Jun-2009
Tangler Town	VA0067423	MAY	2009	001			Compliance schedule: Achieve Compliance - final limits for enterococci	11/01/2008			2.0	2.0	12.0	3.0				23-Jun-2009